

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

ML-402266 FEE

6. If Indian, Allottee or Tribe Name

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil  
Well ☒Gas  
Well ☒

Other

Single  
Zone ☐Multiple  
Zone ☐

2. Name of Operator

Alta Energy Corporation

3. Address of Operator

P.O. Box 767, Vernal, Utah 84078 (801) 789-7701

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface

660' FNL 1980' FEL Section 5, T7S, R21E, S.L.B. &amp; M.

At proposed prod. zone  
Same

14. Distance in miles and direction from nearest town or post office\*

25.9 miles South of Vernal, Utah by road

12. County or Parrish 13. State

Uintah

Utah

15. Distance from proposed\*

location to nearest  
property or lease line, ft.

(Also to nearest drlg. line, if any)

660'

16. No. of acres in lease

691

17. No. of acres assigned  
to this well

40

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
or applied for, on this lease, ft.

19. Proposed depth

7150' Wanted

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

4687' GR

22. Approx. date work will start\*

A.S.A.P.

## 23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	8 5/8"	32# K-40	350'	Circulate to surface.
7 7/8"	5 1/2"	15.5# J-55	7150'	Cement to above oil shale base approxi- mately 2500'.

See Attachments

10 Point  
B.O.P.  
Location Plat  
Cut Sheet  
Topo Map "A"  
Topo Map "B"

NOV 06 1986

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Title

Date

(This space for Federal or State office use)

Permit No.

Approval Date

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Approved by

Title

Conditions of approval, if any:

DATE: 12-10-86

BY: John R. Boy

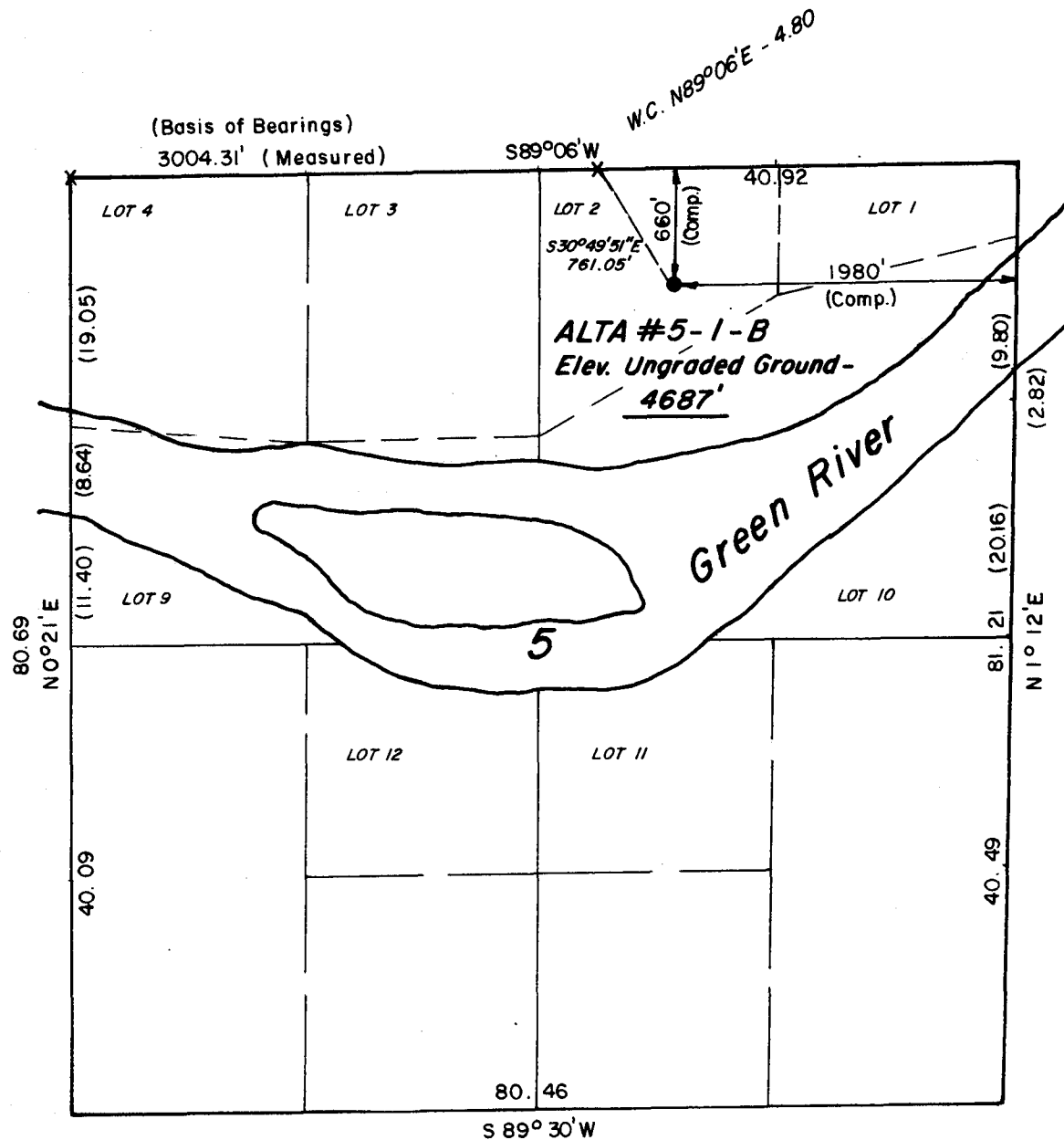
WELL SPACING: 300

T 7 S , R 21 E , S.L.B.&M.

PROJECT

**ALTA ENERGY CORP.**

Well location, *ALTA # 5-1-B*,  
located as shown in the NW 1/4  
NE 1/4 Section 5, T7S, R21E, S.L.B.&M.  
Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING  
 P. O. BOX Q - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	10 / 02 / 86
PARTY	DA DS	RP	REFERENCES GLO Plat
WEATHER	Fair	FILE	ALTA

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company: ALTA ENERGY CORPORATION

Well No. Alta #5-1-B

Location: Section 5, T7S, R21E, S.L.B. & M.

Lease No.: ~~ML~~ - 402266

Onsite Inspection Date: October 8, 1986

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:

Uinta Surface; Green River 3600'; Wasatch 7090'; T.D. 7150'

2. Estimated Depth at which Oil, Gas, Water, or other Mineral Bearing Zones are Expected to be encountered:

	<u>Formation</u>	<u>Zone</u>
Expected Oil Zones:	Wasatch	F - L
Expected Gas Zones:	Wasatch	F - L
Expected Water Zones:	None	
Expected Mineral Zones:	None	

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

3000# Double Gage BOP with Pipe Ram and Blind Ram 8 5/8" with rotating head.

5 1/2 Production Single Stage from T.D. to above Oil Shale.

ALTA ENERGY CORPORATION

Alta #5-1-B

Section 5, T7S, R21E, S.L.B. & M.

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. Casing Program and Auxiliary Equipment:

8 5/8" 32# K-40 350' cement to surface

5 1/2" 15.5# J-55 7150' cement to above oil shale base + 2500'

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

5. Mud Program and Circulating Medium:

Clear water 4000' 3% KCL to T.D.

6. Coring, Logging and Testing Program:

No coring anticipated.

Dual induction laterolog T.D. to surface.

Compensated Density T.D. surface. Neutron Log, Bond Log T.D. to surface.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer(AO).

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:

None

8. Anticipated Starting Dates and Notifications of Operations:

Location Construction: Immediately upon approval.

Spud Date: A.S.A.P. after pad and road are completed.

ALTA ENERGY CORPORATION  
Alta #5-1-B  
Section 5, T7S, R21E, S.L.B. & M.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the A0. If operations are to be suspended, prior approval of the A0 will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the A0 within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular working day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the A0, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the A0 will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day authorized test period.

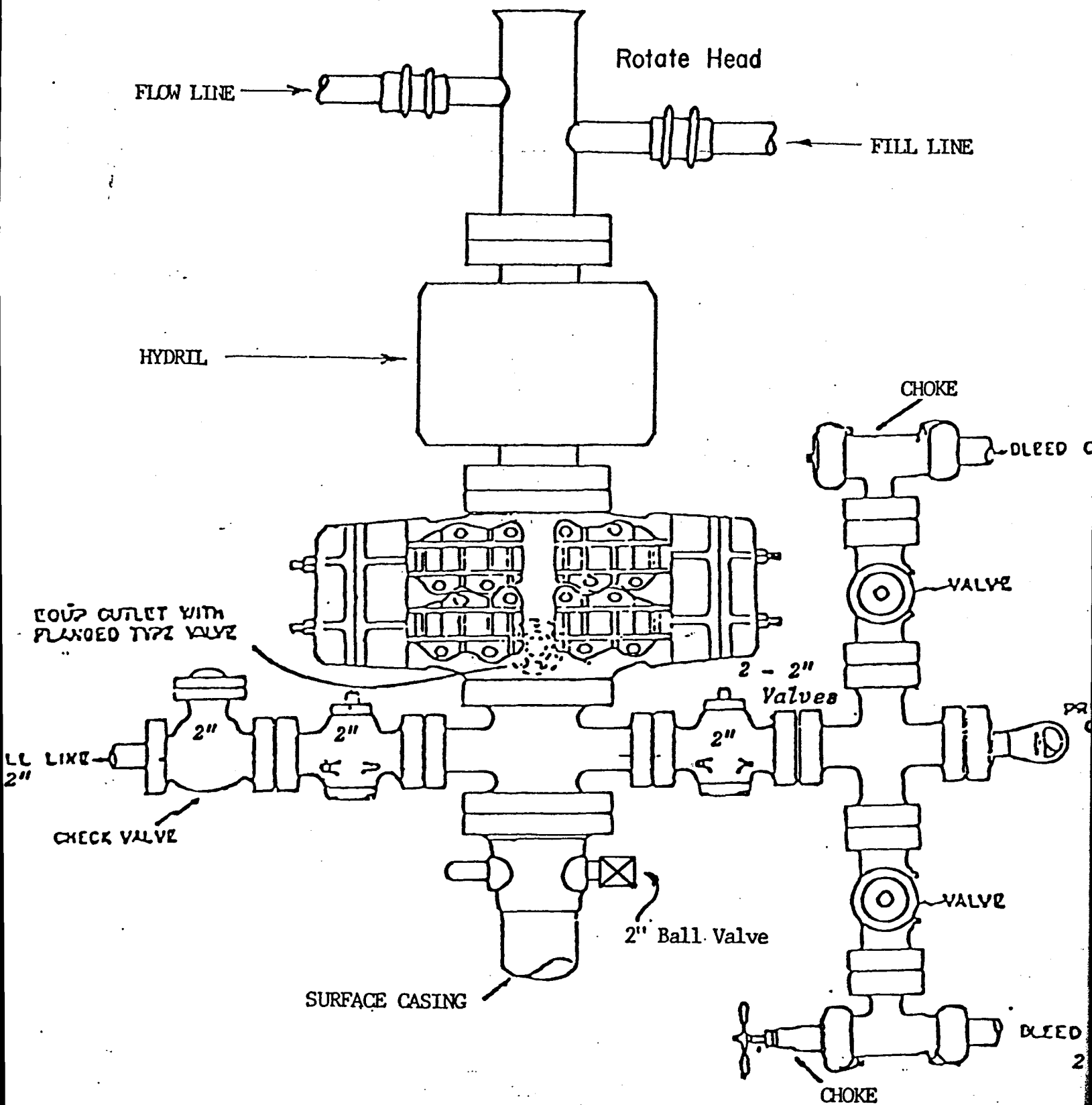
A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.4.

ALTA ENERGY CORPORATION  
Alta #5-1-B  
Section 5, T7S, R21E, S.L.B. & M.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

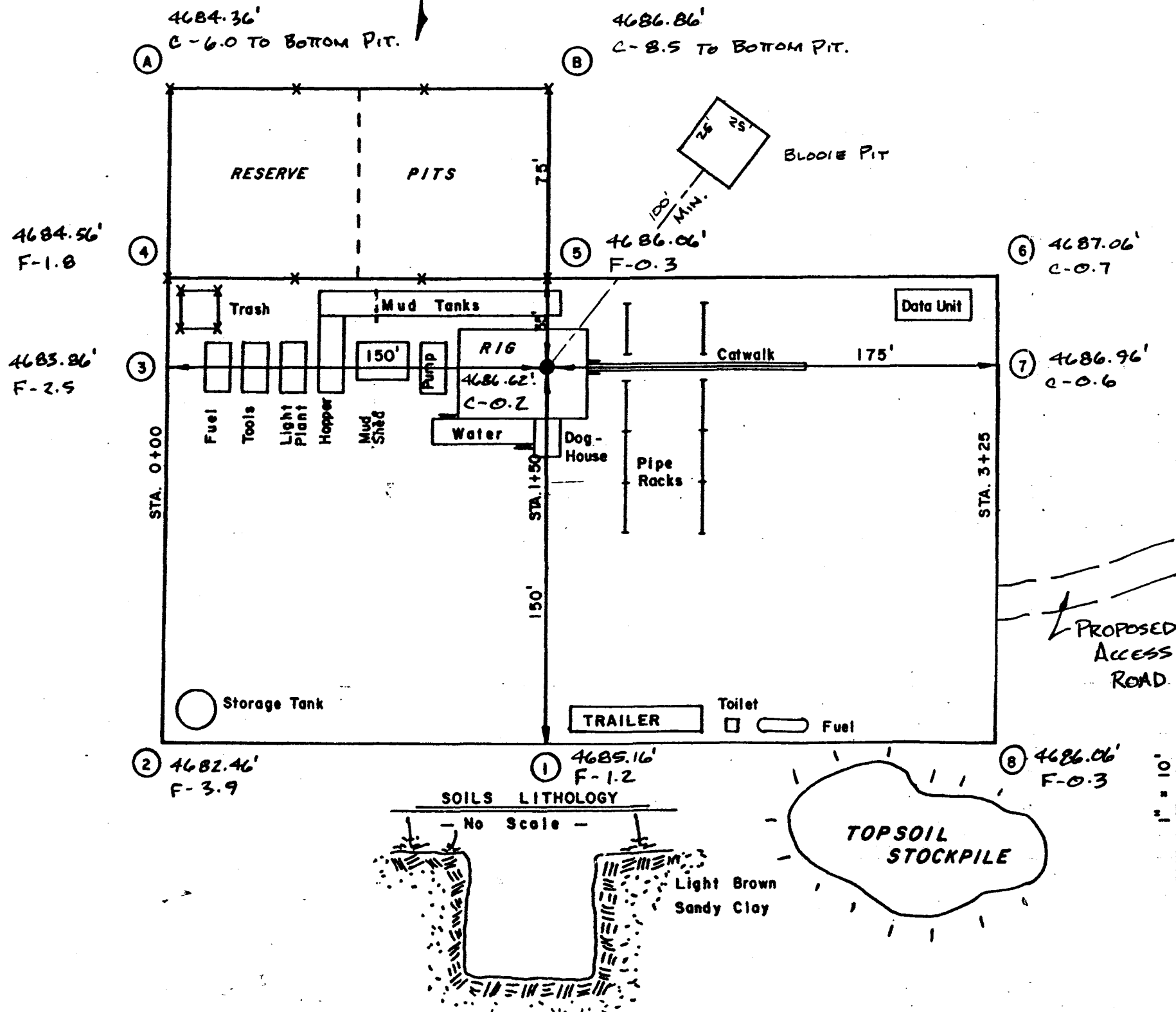
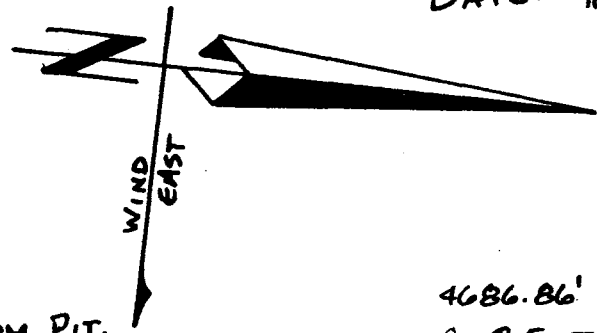
Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.



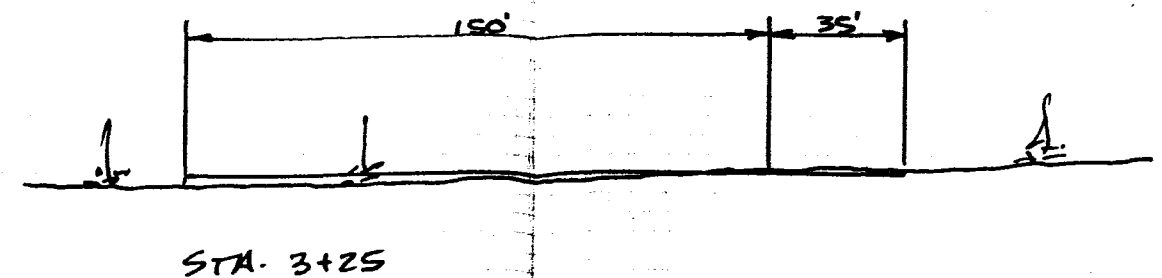
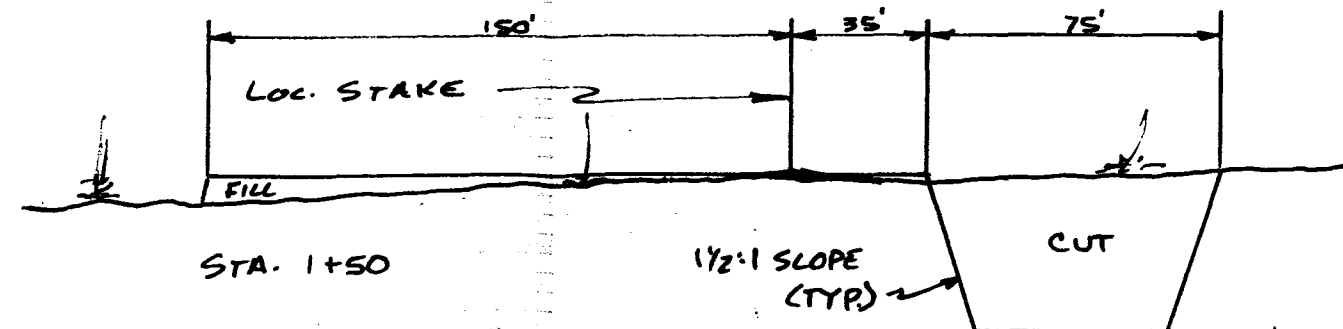
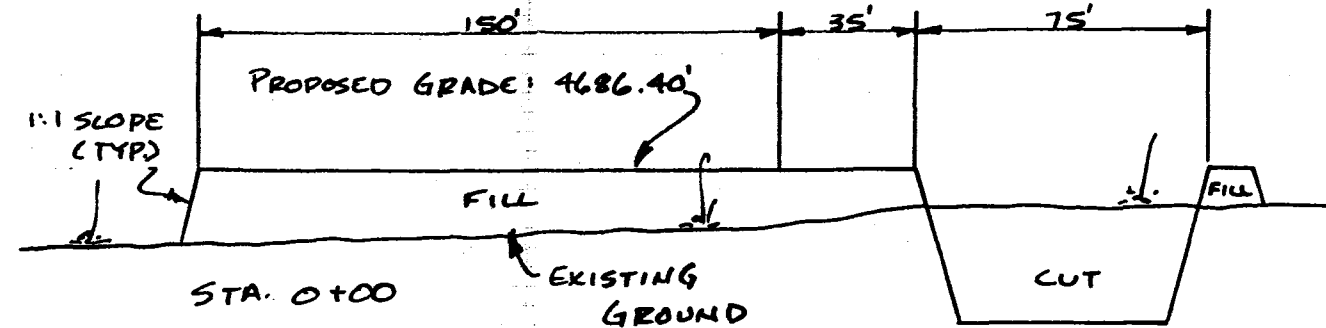
# ALTA ENERGY CORP.

ALTA #5-1-B

SCALE: 1" = 50'  
DATE: 10-2-86



C  
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Scales

1" = 50'

APPROXIMATE YARDAGES

Cu. Yds. Cut = 2,780

Cu. Yds. Fill = 2,480



ALTA ENERGY CORP.

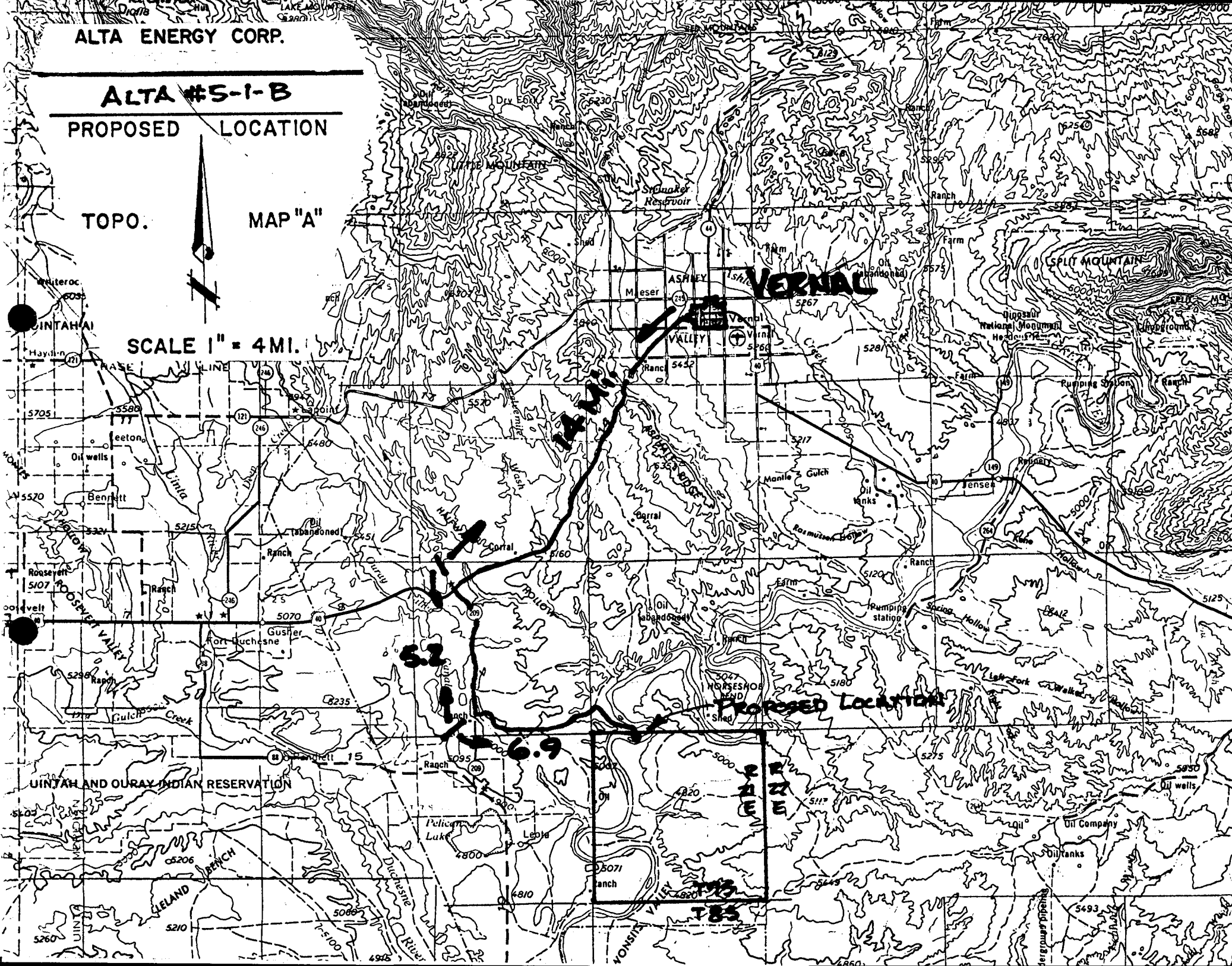
ALTA #5-1-B

PROPOSED LOCATION

TOPO.

MAP "A"

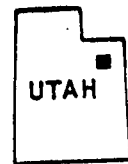
SCALE 1" = 4 MI.



ALTA ENERGY CORP.

ALTA #5-1-B

PROPOSED LOCATION



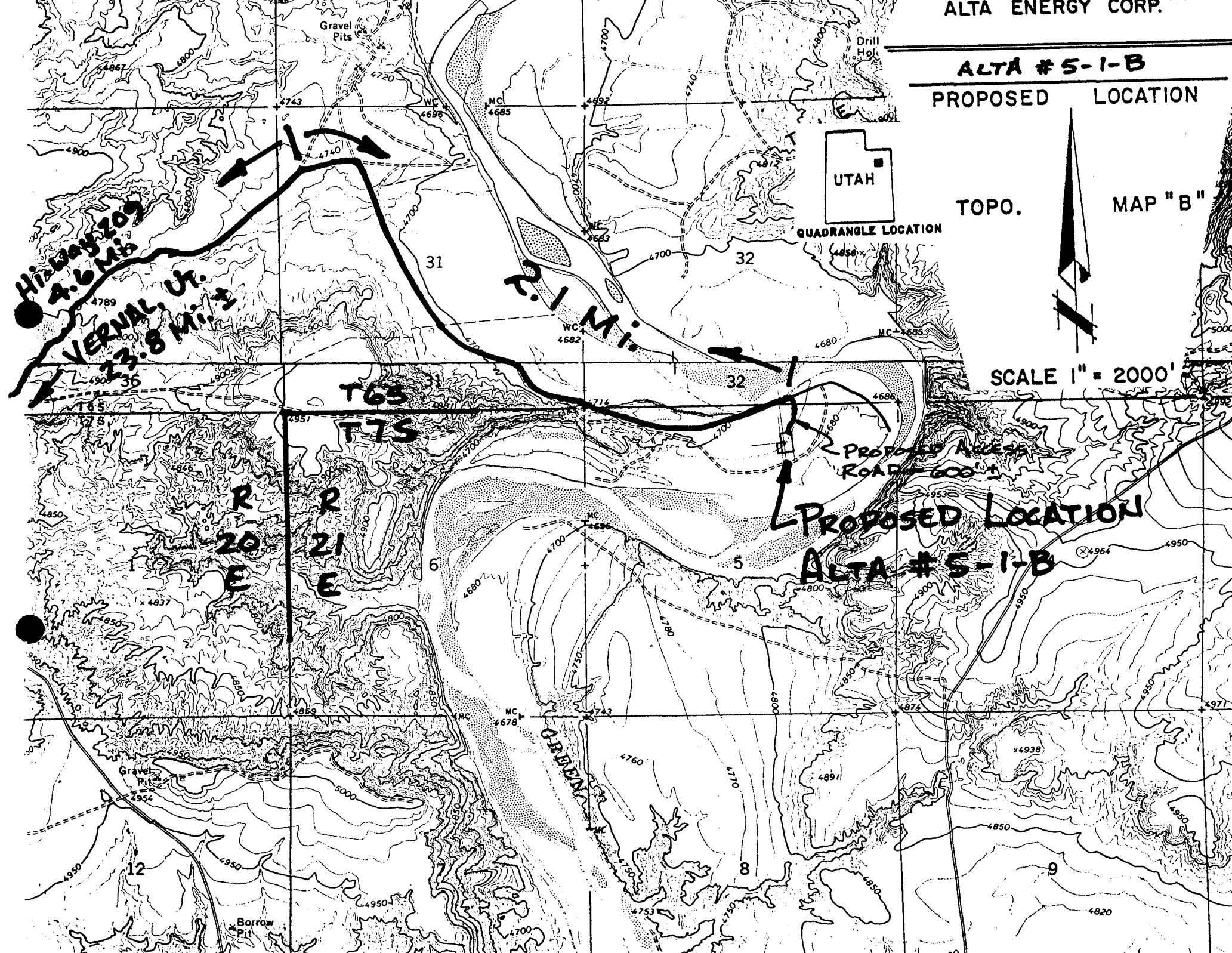
QUADRANGLE LOCATION

TOPO.

MAP "B"



SCALE 1" = 2000'



STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
DRILLING LOCATION ASSESSMENT

RECEIVED  
OCT 09 1986

DIVISION OF  
OIL GAS & MINING

OPERATOR Alta Energy Corporation WELL NAME Alta 5-1-B  
LOCATION: COUNTY Uintah SECTION 5 T 7 South R 21 East  
QTR/QTR NW / NE 660' FN L & 1980' FE L  
SURFACE OWNERSHIP State MINERAL LEASE # ML-402266

ASSESSMENT PARTICIPANTS:

DATE 8 / OCT / 1986

Earl Staley w/ Alta Energy

Carol Kubly w/ UDOGM

Brad Weber w/ Uintah Engr.

Don Bowden - minerals owner

Oak Stanford w/ Cachuma Drlg

I. REGIONAL SETTING/TOPOGRAPHY

Colorado Plateau, Uintah Basin, Green River Bottoms

II. LAND USE

A. Current Surface Use:

Open range, some grazing

B. Proposed Surface Disturbance:

325' X 260' for location, about 600 feet for access road

C. Affected Floodplains and/or Wetlands:

Not applicable, river about 1/2 mile away, location is up on terrace

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III. ENVIRONMENTAL PARAMETERS

A. Geology:

1. Surface Formation -

Quaternary alluvial fill

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2. Stability -

very stable

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B. Soils:

1. Soil Characteristics -

Medium brown, fine grained arenaceous sand

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2. Erosion/Sedimentation -

not applicable

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C. Water Resources:

Murray Water Service, about 1 mile east to Green River

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D. Flora/Fauna:

rabbit brush, greasewood, indian rice grass, cheat grass, prickly pear,  
ants, black beetles

E. Cultural Resources/Archeology:

Rick Hauch - will be done this week

F. Adequacy of Restoration Plans:

adequate

IV. RESERVE PIT

A. Characteristics:

150' x 75' x 8'

B. Lining:

Plastic liner is mandatory

V. OTHER OBSERVATIONS

T.D. at 7150'

VI. STIPULATIONS FOR APD APPROVAL:

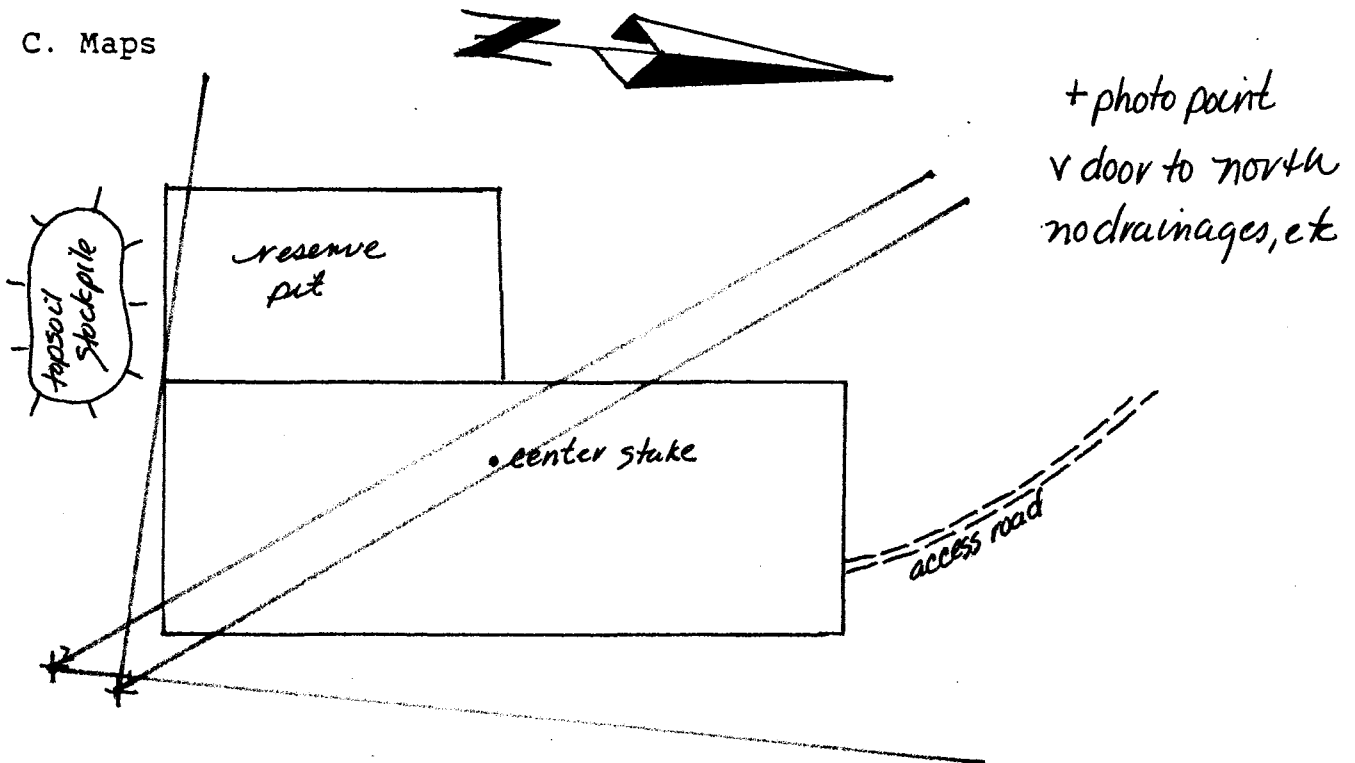
Move topsoil stockpile from corner 8 to between corner A and 4.

VII. ATTACHMENTS

A. Sketch of Drill Site

B. Photographs

C. Maps





Alta Energy Corp  
Alta 5-1-B  
NWNE Sec 5 780 21E  
Utah

West

Winter Stakes



Alta Energy Corp  
Alta 5-1-B  
NWNE Sec 5 780 21E  
Utah

West

#2

OPERATOR Alta Energy Corp. DATE 11-786

WELL NAME Alta 5-1-B

SEC NWNE <sup>(LOT 2)</sup> 5 T, 23 R. 21E COUNTY Unitah

43 047- 31776  
API NUMBER

Fee  
TYPE OF LEASE

CHECK OFF:

☒

PLAT

☒

BOND

☐

NEAREST  
WELL

☒

LEASE

☒

FIELD

☒

POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

No other well in Sec 5

Need water permit

APPROVAL LETTER:

SPACING: ☐ 203 \_\_\_\_\_ UNIT

☒ 302

☐ \_\_\_\_\_ CAUSE NO. & DATE

☐ 302.1

STIPULATIONS:

1- Water

2- The reserve pit shall be lined w/ plastic liner with a minimum thickness of 6 mil and fiber reinforcement.





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangert, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 10, 1986

Alta Energy Corporation  
P. O. Box 767  
Vernal, Utah 84078

Gentlemen:

Re: Alta 5-1-B - NW NE (Lot 2) Sec. 5, T. 7S, R. 21E  
660' FNL, 1980' FEL - Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Rule 302, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
2. The reserve pit shall be lined with plastic liner with a minimum thickness of 6 mil and fiber reinforcement.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.

Page 2  
Alta Energy Corporation  
Alta 5-1-B  
December 10, 1986

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31776.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals  
D. R. Nielson  
8159T



**ALTA ENERGY CORPORATION**

500 North Loraine, Suite 900  
Midland, Texas 79701  
915/683-5449

RECEIVED

LORA S. JONES

JAN 30 1987

January 26, 1987

DIVISION OF  
OIL, GAS & MINING

State of Utah  
Division of Oil, Gas and Mining  
Three Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: U-28212, Federal 33-6-F  
Fee, Alta 5-1-B  
Uintah Co., Utah

Gentlemen:

Enclosed please find Sundry notices, filed  
in triplicate, for the captioned wells.

Please return one approved copy of each for  
our files. Thank you very much.

Sincerely,

Lora S. Jones

/lj  
enc.

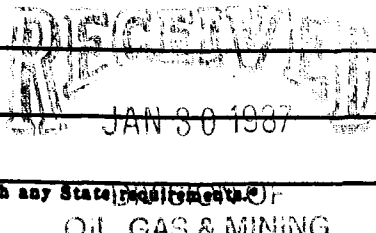
**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN TRIPlicate  
 (Other instructions on reverse side)

000205

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER 2. NAME OF OPERATOR Alta Energy Corporation 3. ADDRESS OF OPERATOR P. O. Box 767 Vernal, Utah 84078 4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface      660' FNL      1980' FEL Sec.5 <div style="text-align: right; margin-top: 10px;">  </div>		5. LEASE DESIGNATION AND SERIAL NO. Fee 6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A 7. UNIT AGREEMENT NAME N/A 8. FARM OR LEASE NAME Alta 9. WELL NO. 5-1-B 10. FIELD AND POOL, OR WILDCAT Wildcat 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T7S, R21E SLM 12. COUNTY OR PARISH Uintah 13. STATE Utah
14. PERMIT NO. 43-047-31776	15. ELEVATIONS (Show whether OP, RT, GR, etc.) 4687' GR	

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Operator change

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Operator change from Alta Energy Corp. to Columbia Gas Development

15035

P. O. Box 1350

Houston, Texas 77251-1350

PH. (713) 787-3482

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



March 8, 1987

**STATE OF UTAH**  
**NATURAL RESOURCES**

Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Mr. R. J. ~~P~~irth  
Associate Director, Oil & Gas

Reference: Alta #5-1-B  
Section 5, T7S, R21E, S.L.B. & M.  
Uintah County, Utah  
~~Lease No. ML-402266~~ Fee  
Permit No. 43-047-31776  
Operator Change

Dear Mr. Pirth:

Enclosed please find three copies of Columbia Gas Development Corporation's Subsequent Change of Operator Sundry, as Operator for the Alta #5-1-B well. This change of operator was effective March 1, 1987.

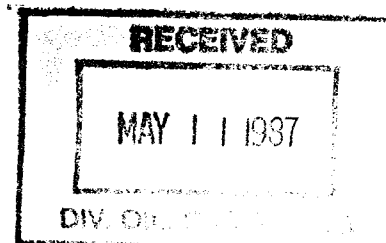
Columbia Gas will drill and operate the subject well under their State of Utah bonds and do agree to adhere to all rules and stipulations under which the permit was issued. Should you have any questions concerning Columbia's application, please contact me at 713/787-3400.

Yours truly,

A handwritten signature in cursive script that reads "Lynn Roque".

Lynn Roque  
Regulatory Technician

lr  
Enclosures



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee/ML-402266
2. NAME OF OPERATOR Columbia Gas Development Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, Texas 77251-1350		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FNL & 1980' FEL of Section 5, T7S, R21E, S.L.B. & M.		8. FARM OR LEASE NAME Alta
14. PERMIT NO. 43-047-31776		9. WELL NO. 5-1-B
15. ELEVATIONS (Show whether DT, RT, OR, etc.) GR 4687'		10. FIELD AND POOL, OR WILDCAT Undesignated
		11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA Sec. 5, T7S, R21E, S.L.M.
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Operator Change</u>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

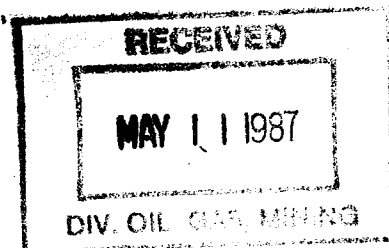
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

COLUMBIA GAS DEVELOPMENT CORPORATION, as Operator of the Alta 5-1-B well, accepts the Permit to Drill granted in accordance with Rule 302, Oil and Gas Conservation General Rules, and will adhere to the regulations and stipulations under which the permit was granted.

Previous Operator: Alta Energy Corporation, P. O. Box 767, Vernal, Utah 84078.

Operator Change Effective: March 1, 1987

Columbia Gas Development Corporation will drill and operate the Alta 5-1-B well under their State of Utah Bonding.



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Director of Drilling

DATE 5/7/87

(This space for Federal or State office use)

APPROVED BY

TITLE

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 5-12-87

\*See Instructions on Reverse Side



July 10, 1987

**RECEIVED**  
JUL 13 1987

**DIVISION OF  
OIL, GAS & MINING**

**STATE OF UTAH  
NATURAL RESOURCES**  
Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Ms. Arlene Sollis  
Oil & Gas Permitting

Reference: Sundry Notice to Change Plans  
**Alta #5-1-B**, Lease ML 402266  
Section 5, T7S, R21E  
Uintah County, Utah

Dear Ms. Sollis:

Enclosed please find the original and two copies of Columbia's Notice of Intention to: Change Plans on the Alta #5-1-B well in Uintah County, Utah.

Columbia received verbal approval from Mr. Jim Thompson to amend the casing program on the 8 5/8" from 32#/ft to 24#/ft. Thank you for your assistance in this matter.

Yours truly,

A handwritten signature in cursive script that reads "Lynn Roque".

Lynn Roque  
Regulatory Technician

lr  
Enclosure

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Columbia Gas Development Corporation		6. IF INDIAN ALLOTTEE OR TRIBE NAME NA 071713
3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, Texas 77251-1350 713/787-3400		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FNL & 1980' FEL of Section 5, T7S, R21E, S.L.B. & M.		8. FARM OR LEASE NAME Alta
14. PERMIT NO. 43-047-31776		9. WELL NO. #5-1-B
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 4687'		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC. T., R., M., OR B.L.E. AND SURVEY OR AREA Sec. 5, T7S, R21E SIM&B
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

AMEND SURFACE CASING TO: Run 8 5/8" casing to 350' and circulated cmt to surface:

12 1/4" Hole size; 8-5/8" Csg.; 24#/ft WT; J-55 GR; 2950/17.0 Burst/SF

Verbal approval given by Jim Thompson on 7/9/87 to change from 32#/ft to 24#/ft.  
Anticipated spud date is 7/15/87.

RECEIVED  
JUL 13 1987

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED John R. Boye

TITLE Regulatory Technician

DATE 7/10/87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 7-14-87

\*See Instructions on Reverse Side



DIVISION OF OIL, GAS AND MINING

071701

SPUDDING INFORMATION

API #43-047-31776

NAME OF COMPANY: COLUMBIA GAS (Formally Alta Energy Co.)

WELL NAME: Alta 5-1-B

SECTION NW NE 5 TOWNSHIP 7S RANGE 21E COUNTY Uintah

DRILLING CONTRACTOR Grace Drilling

RIG # 181

SPUDDED: DATE 7-15-87

TIME 11:45 PM

How Rotary

DRILLING WILL COMMENCE

REPORTED BY Lynn Roque

TELEPHONE # (713) 787-3482

DATE 7-16-87 SIGNED AS



**RECEIVED**

**AUG 7 1987**

**DIVISION OF OIL  
GAS & MINING**

August 3, 1987

STATE OF UTAH  
DIVISION OF NATURAL RESOURCES  
Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Mr. R. J. Firth  
Associate Director, Oil & Gas

Reference: Monthly Report of Operations:  
Alta #5-1-B, API #43-047-31776  
Cowden #31-3, API #43-047-31768  
Federal #33-8-N, API #43-047-31787

Dear Mr. Firth:

Enclosed please find two copies of the Monthly Report of Operations on the above referenced wells. Should you require additional information please contact me at 713/787-3400.

Yours truly,

A handwritten signature in cursive script that reads "Lynn Roque".

Lynn Roque  
Regulatory Technician

lr

Encl: 2 copies each of MRO/Utah

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

081108

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee <u>Duly</u>
2. NAME OF OPERATOR Columbia Gas Development Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, Texas 77251-1350		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NW/4NE/4, 660' FNL & 1980' FEL, Sec. 5, T7S, R21E S.L.B. & M.		8. FARM OR LEASE NAME Alta
14. API NUMBER 43-047-31776		9. WELL NO. 5-1-B
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 4687'		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T7S, R21E SLM&B
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Monthly Report of Opr.</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Spud Date: 7-15-87 TD: 7151.04' SLM KB: 4702'

Drilled a 12-1/4" hole, set 8-5/8" 24# K-55 surface csg @ 388' w/280 sx Std. Displaced; returns to surface. WOC. Tested annular/rams-ok. Tagged cmt @ 355'; tested csg to 1000# psi-ok. Drilled and surveyed (7-7/8" hole) to 3558'; cond hole for DST; RIH w/test tool--DST Uinta sd from 3510-3558'. Drilled and surveyed to 4542'; test BOPs. Drilled and surveyed to TD 7150'. Cond hole for logging. SLM 7151.04'; run Welex NEU-DEN/GR/x-plot & Dual Guard-Resistivity log.

18. I hereby certify that the foregoing is true and correct

SIGNED John Kogee TITLE Regulatory Technician DATE July 31, 1987

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

RECEIVED

AUG 7 1987

\*See Instructions on Reverse Side

DIVISION OF OIL  
GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Columbia Gas Development Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, Texas 77251-1350		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NWNE, 660' FNL & 1980' FEL, Sec. 5, T7S, R21E S.L.B. & M.		8. FARM OR LEASE NAME Alta
14. PERMIT NO. 43-047-31776		9. WELL NO. 5-1-B
15. ELEVATIONS (Show whether OF, RT, OR, etc.) GR 4687' KB 4702'		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 5, T7S, R21E SLM&B
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐

FRACTURE TREATMENT

REPAIRING WELL

☐  
☐  
☐

SHOOTING OR ACIDIZING

ALTERING CASING

(Other)

Monthly Report of Operations

X

(NOTE: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spud Date: 7-15-87

TD: 7150'

PBTD: 7107'

KB: 4702'

## MONTHLY REPORT OF OPERATIONS/AUGUST 1987:

Run GUARD-GR-SLD-DSN II-FWA, DIL/GR, DIL/GR-MICRO-SFL OH logs. Set 5-1/2" 15.5# K-55 csg @ 7150' w/2-stage cmt: FS @ 7150', pumped 315 sx Premium, bumped plug w/1500# psi. Opened DV @ 4006 and pumped 380 sx Hi-Fill Std followed by 150 sx L-200, bumped plug w/2000# psi. Set slips; cut off 5-1/2", NU head & test-ok. Rel. rotary rig on 8/2/87.

MI & RU Pool Well Service Rig #160. NU BOPs, MU BHA, tagged hard cmt @ 3937'. Drill thru cmt (DV @ 4006), test on 2500#-ok. Tagged cmt @ 7040', drilled to 7107' CBL, clean hole and test csg to 2500#-ok. RIH, correlate and run GR/CBL/VDL/CCL from 7096-1300. Log 2400-1300' below surface for base line. Change tool and run CSNG from 7104-6200'.

Correlate and perf 6918, 6916, 6914, 6912, 6908, 6906, 6905, 6904; (9 shots). Correlate and perf 6868, 6866, 6864, 6854, 6852, 6850, 6848; (7 shots). MU PPIP tool, RIH w/2-7/8" tbg and BD each perf w/3% KCl water. Rig to swab, FL surface to 6700'. Test lines to 6000# spi; frac w/85,836 gal gel containing 83,000# 20-40 sd and 104,896# 12-20 sd. RIH w/2-7/8" tbg, well started to flow, circ sand out of tbg. Wash and circ to PBTD @ 7107'. Run after frac log.

CONTINUE ON PG 2

18. I hereby certify that the foregoing is true and correct

SIGNED

*Supra Rogue*

TITLE Regulatory Tech.

DATE 8/25/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

SUNDRY NOTICE AND REPORTS ON WELLS:  
PAGE 2

MONTHLY REPORT OF OPERATIONS/AUGUST 1987:  
Alta #5-1-B, API #43-047-31776

MU RBP & RIH w/2-7/8" tbg, set RBP @ 6835'; test csg to 2000# psi. Correlate and perf 6824, 6822, 6817, 6816, 6815, 6814. Correlate and perf 6800, 6798, 6796, 6795, 6794. Test lines to 5500# psi. MU PPIP tool, RIH w/2-7/8" tbg and BD perfs w/3% KCl water. RU & test lines to 6000# psi-ok. Frac well 6824-6794' (11' of perfs) w/44,000# 12-20 sd to perfs. Screened out.

SWI, checked csg press; open well to test tank; flow back frac water. Run after frac log 6860-6500'.

RIH w/2-7/8" tbg, set RBP @ 6740; test csg to 2000# psi. Correlate and perf 6700-6717 (9 shots); reposition and perf 6654-6656 & 6658 (6 shots); correlate and perf 6649, 6647, 6638, 6636, 6634 (5 shots) and 6625, 6622 (4 shots) total 24 shots. MU PPIP tool, RIH w/2-7/8" tbg and BD perfs w/3% KCl water. RU & test lines to 5500# psi. Frac well 6717-6622 (24 holes) w/27,000# 100 mesh and 300,000# 20-40 sd. Flow well back on 8/64 bean. Recovering frac water.



September 28, 1987

RECEIVED  
OCT 1 1987

DEPT. OF OIL  
& GAS

State of Utah  
Department of Natural Resources  
Division Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Mr. R. J. Firth  
Associate Director, Oil & Gas

Reference: Alta #5-1-B  
ML-402266 (Fee)  
Section 5, T7S, R21E  
Uintah County, Utah  
API #43-047-31776

Dear Mr. Firth:

Enclosed please find the original and two copies of Columbia's  
Sundry Notice for the First Date of Production on the Alta #5-1-B  
in Uintah County, Utah.

Yours truly,

A handwritten signature in cursive script that reads "Lynn Roque".

Lynn Roque  
Regulatory Technician

lr  
Encl.

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

SUBMIT **TRIPPLICATE**  
 (Other instructions on  
 reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
 Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> <b>2. NAME OF OPERATOR</b> Columbia Gas Development Corp. <b>3. ADDRESS OF OPERATOR</b> P. O. Box 1350, Houston, TX 77251-1350 <b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NWNE, 660' FNL & 1980' FEL, Sec. 5, T7S, R21E E.L.B.&M.		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> Fee <u>Only</u> <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> NA <b>7. UNIT AGREEMENT NAME</b> NA <b>8. FARM OR LEASE NAME</b> Alta <b>9. WELL NO.</b> #5-1-B <b>10. FIELD AND POOL, OR WILDCAT</b> Wildcat <b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec. 5, T7S, R21E SLM <b>12. COUNTY OR PARISH</b> Uintah <b>13. STATE</b> Utah
<b>14. PERMIT NO.</b> 43-047-31776	<b>15. ELEVATIONS</b> (Show whether OF, ST, OR, etc.) GR 4687' KB 4702'	

**16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐Date of First Production XX

(NOTE: Report results of multiple completion on Well  
 Completion or Recompletion Report and Log form.)

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Date Completion: 8-24-87

Date First Production: 9-15-87

**18. I hereby certify that the foregoing is true and correct**

SIGNED Lynn RogersTITLE Drilling TechnicianDATE 9-28-87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

OCT 15 1987

DIVISION OF OIL  
AND GAS

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT

NA

8. FARM OR LEASE NAME

Alta

9. WELL NO.

5-1-B

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 5, T7S, R21E, SIM

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

19. ELEV. CASINGHEAD

-

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR Columbia Gas Development Corp. 713/787-3400

3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, Texas 77251-1350

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 660' FNL &amp; 1980' FEL, Sec. 5, T7S, R21E, SLB &amp; M, NE NW

At top prod. interval reported below same

At total depth same

14. PERMIT NO. 43-047-31776 DATE ISSUED 12-10-86

15. DATE SPUDDED 7-15-87 16. DATE T.D. REACHED 7-29-87 17. DATE COMPL. (Ready to prod.) 8-24-87 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* GR 4687' KB 4702' 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD &amp; TVD 7150' MD/TVD 21. PLUG BACK T.D., MD &amp; TVD 7107' PBTD 22. IF MULTIPLE COMPL., HOW MANY\* - 23. INTERVALS DRILLED BY - 24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 6918-6948', 6824-6794', 6717-6622' Green River Formation 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN SDL-DSNII, DIL/Micro-SFL, CBL, Compensated Acoustic Log 10-15-87 27. WAS WELL CORED. No

## 28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#/ft	388'	12-1/4"	280 sx Std	NA
5-1/2"	15.5#/ft	7150'	7-7/8"	Stg 1:FS @ 7150', 315 sx Premium; Stg 2:DV @ 4006', 380 sx Hi-Fill + 150 sx L-200	NA

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6588' MD (MUD ANCHOR)	TA @ 6520' MD

## 31. PERFORATION RECORD (Interval, size and number)

6918, 6916, 6914, 6912, 6908, 6906, 6905, 6904, 6902, 6868, 6866, 6864, 6854, 6852, 6850, 6848 (16 holes) + 6824, 6822, 6817, 6816, 6815, 6814, 6800, 6796, 6795, 6794 (20 H) 6647, 6638, 6636, 6634, 6625, 6622, 6702, 6700, 6658, 6656, 6654, 6649, 6717, 6715, 6712, 6710, 6708, 6706, 6704 (24 holes)

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6918-6848'	83,196 gal fl w/87,000# 20/40 sd + 104,896# 12/20 sd
6824-6794'	73,300 gal fl w/88,000# 20/40 sd & 41,000# 12/20 sd

## 33. PRODUCTION CONTINUED ON BACK SIDE

DATE FIRST PRODUCTION 9-15-87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping (2 x 1-1/2 x 20 RHBC Rod Pump) WELL STATUS (Producing or shut-in) Pumping

DATE OF TEST 9-14-87 HOURS TESTED 24 CHOKER SIZE Open PROD'N. FOR TEST PERIOD 109 OIL—BBL. 109 GAS—MCF. 28 WATER—BBL. 100 GAS-OIL RATIO 257

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 109 OIL—BBL. 109 GAS—MCF. 28 WATER—BBL. 100 OIL GRAVITY-API (CORR.) 30.3

## 34. DISPOSAL OF GAS (Sold, used for fuel, vented, etc.)

Fuel and vented

## TEST WITNESSED BY

Jay Haslem

## 35. LIST OF ATTACHMENTS

SDL-DSNII, DIL/Micro-SFL, C/A/Vel, DST #1

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Lynn Rogee

TITLE Regulatory Technician

DATE 10/12/87

\*(See Instructions and Spaces for Additional Data on Reverse Side)



# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (dillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Items 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Uinta Sand	3510	3558	DST #1 (copy attached)
ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC - CONTINUED			
Depth Interval (MD)	Amount and Kind		of Material Used
6717-6622'	218,820 gal fl		w/300,000# 20/40 sd

## 38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP
Uinta "B"	3136	3136
Green River	3670	3670
Green River "H"	6048	6048
Green River "J"	6480	6480
Wasatch	7020	7020



October 12, 1987

**STATE OF UTAH**

Department of Natural Resources  
Division, Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Mr. R. J. Firth  
Associate Director, Oil & Gas

Reference: **Alta #5-1-B**  
Section 5, T7S, R21E  
Uintah County, Utah  
Well Completion Report  
API #43-047-31776

Dear Mr. Firth:

Enclosed please find the original and two copies of Columbia's well completion report for the Alta #5-1-B well in Uintah County, Utah. Also enclosed are two copies of the DST #1 and basic electric logs.

Should you require additional information, please contact me at 713/787-3400.

Yours truly,

A handwritten signature in cursive script that reads "Lynn Roque".

Lynn Roque  
Regulatory Technician

lr  
Encl.

DIVISION OF  
OIL, GAS & MINING

OCT 15 1987  
*[Handwritten initials]*



# HALLIBURTON SERVICES

TICKET NO. 50906100

27-JUL-87

VERNAL

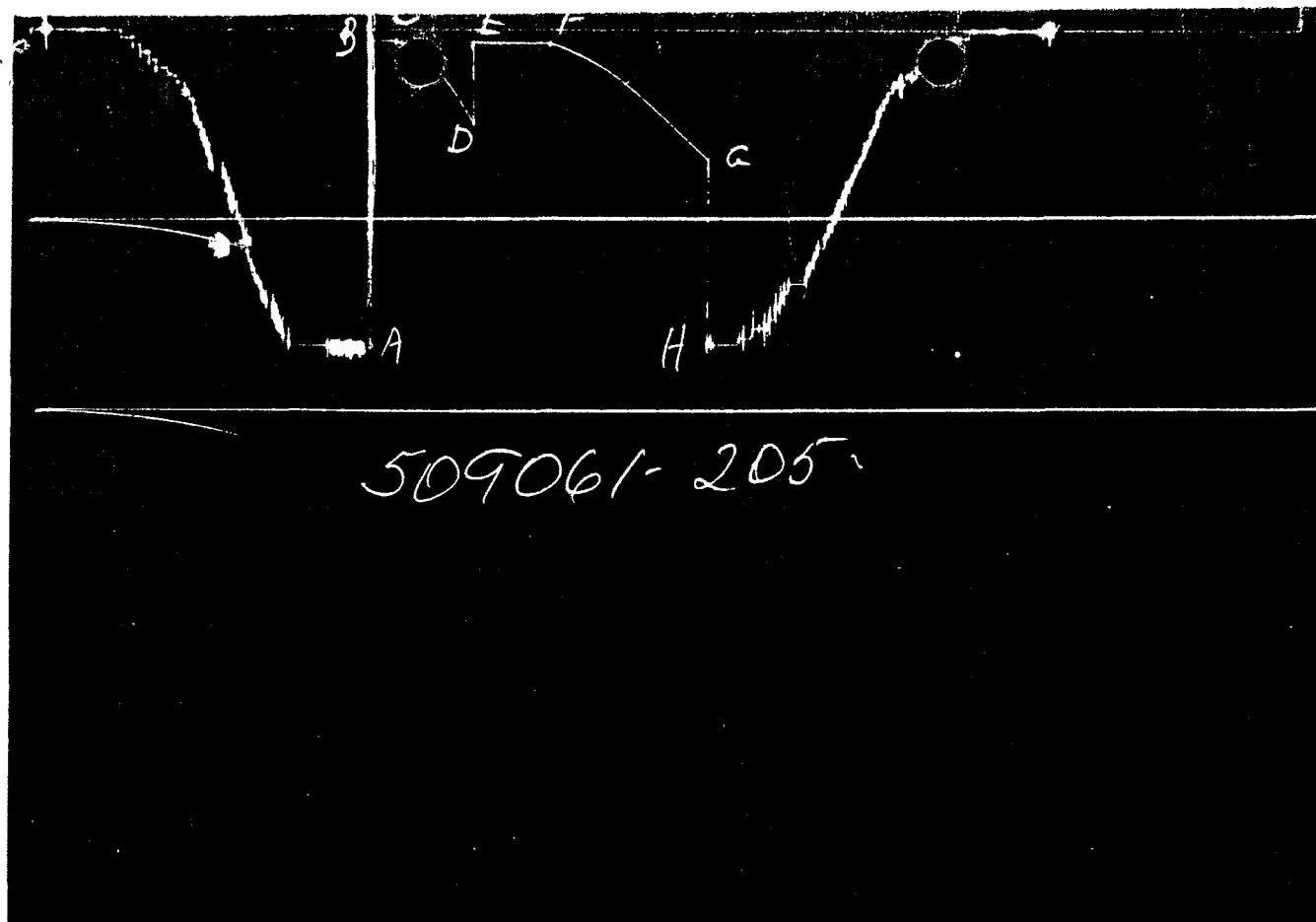
DIVISION OF  
OIL, GAS & MINING

OCT 15 1987

RECEIVED

## FORMATION TESTING SERVICE REPORT

ALTA	5-1-B	1	3509.0 - 3558.0	COLUMBIA GAS DEVELOPMENT CORPORATION
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME
LEGAL LOCATION SEC. - TWP. - RNG.	5-7S-21E	FIELD AREA	HORSESHOE BEND	COUNTY
				UTAH
				STATE
				UTAH
				SM

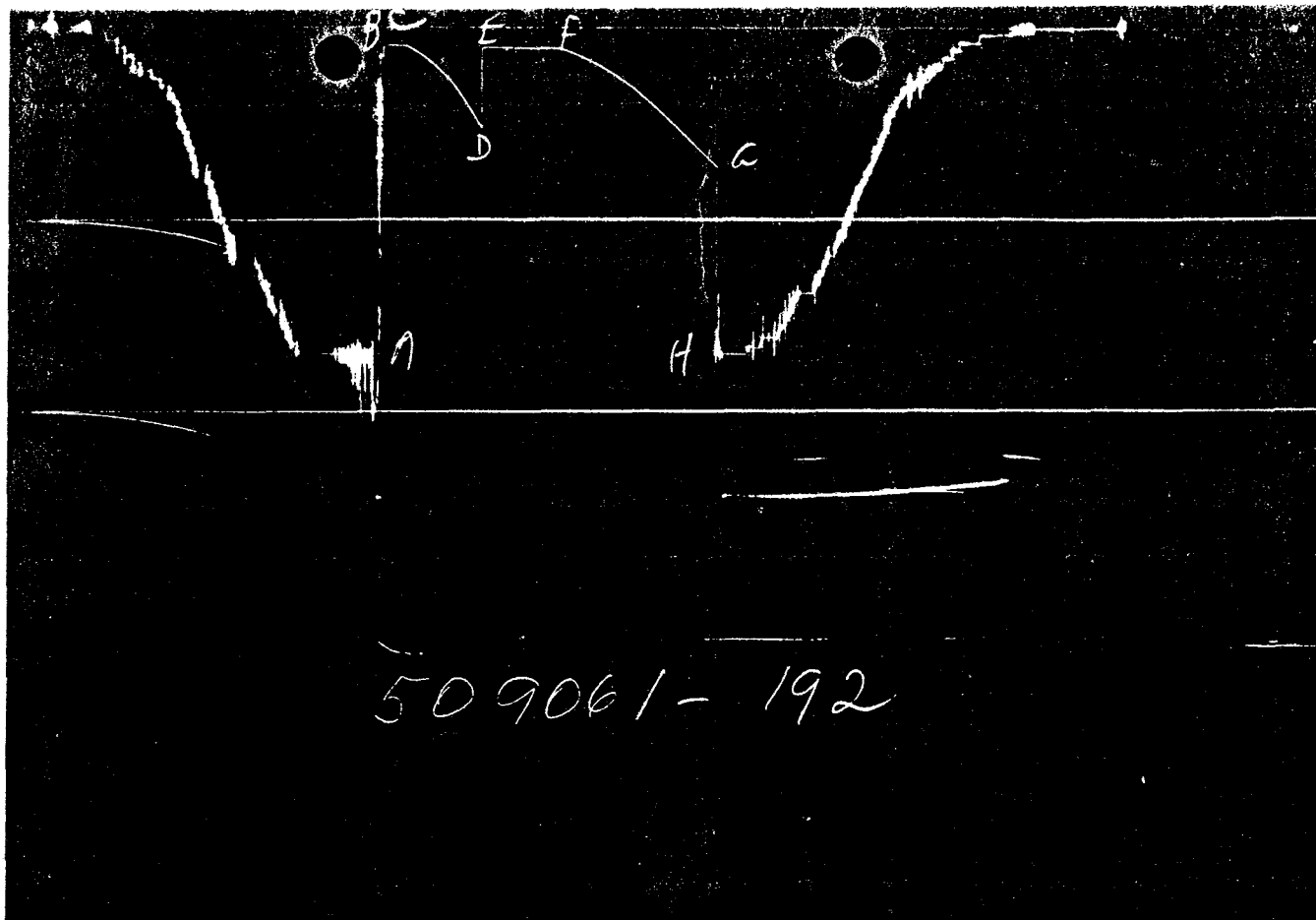


GAUGE NO: 205 DEPTH: 3488.0 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1659	1671.2			
B	INITIAL FIRST FLOW	69	64.8	15.0	15.0	F
C	FINAL FIRST FLOW	69	58.2			
C	INITIAL FIRST CLOSED-IN	69	58.2	45.0	45.0	C
D	FINAL FIRST CLOSED-IN	507	489.2			
E	INITIAL SECOND FLOW	69	65.6	45.0	45.0	F
F	FINAL SECOND FLOW	69	70.3			
F	INITIAL SECOND CLOSED-IN	69	70.3	90.0	90.0	C
G	FINAL SECOND CLOSED-IN	685	675.0			
H	FINAL HYDROSTATIC	1659	1659.6			

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DIVISION OF  
OIL, GAS & MINING



GAUGE NO: 192 DEPTH: 3555.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1690	1715.9			
B	INITIAL FIRST FLOW	95	138.0			
C	FINAL FIRST FLOW	95	95.4	15.0	15.0	F
C	INITIAL FIRST CLOSED-IN	95	95.4			
D	FINAL FIRST CLOSED-IN	530	519.7	45.0	45.0	C
E	INITIAL SECOND FLOW	95	111.2			
F	FINAL SECOND FLOW	109	108.6	45.0	45.0	F
F	INITIAL SECOND CLOSED-IN	109	108.6			
G	FINAL SECOND CLOSED-IN	718	712.4	90.0	90.0	C
H	FINAL HYDROSTATIC	1690	1693.0			

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OIL, GAS & MINING

# EQUIPMENT & HOLE DATA

FORMATION TESTED: UINTAH  
NET PAY (ft): 10.0  
GROSS TESTED FOOTAGE: 49.0  
ALL DEPTHS MEASURED FROM: KELLY BUSHING  
CASING PERFS. (ft): \_\_\_\_\_  
HOLE OR CASING SIZE (in): 7.875  
ELEVATION (ft): 4702.0 KB  
TOTAL DEPTH (ft): 3558.0  
PACKER DEPTH(S) (ft): 3503. 3509  
FINAL SURFACE CHOKE (in): \_\_\_\_\_  
BOTTOM HOLE CHOKE (in): 0.750  
MUD WEIGHT (lb/gal): 8.60 PLUS  
MUD VISCOSITY (sec): 27  
ESTIMATED HOLE TEMP. (°F): \_\_\_\_\_  
ACTUAL HOLE TEMP. (°F): 99 @ 3557.0 ft

TICKET NUMBER: 50906100

DATE: 7-21-87 TEST NO: 1

TYPE DST: OPEN HOLE

HALLIBURTON CAMP:  
VERNAL

TESTER: RANDY RIPPLE

WITNESS: ARCHIE WRIGHT

DRILLING CONTRACTOR:

GRACE DRILLING RIG #181

## FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
MUD PIT	<u>0.100 @ 68 °F</u>	<u>45454 ppm</u>
TOP OF FLUID	<u>0.040 @ 68 °F</u>	<u>154545 ppm</u>
BOTTOM OF FLUID	<u>0.035 @ 68 °F</u>	<u>169696 ppm</u>
SAMPLER	<u>0.035 @ 68 °F</u>	<u>169696 ppm</u>
	<u> @ °F</u>	<u> ppm</u>
	<u> @ °F</u>	<u> ppm</u>

## SAMPLER DATA

Psig AT SURFACE: 60.0  
cu.ft. OF GAS: 0.060  
cc OF OIL: TRACE  
cc OF WATER: 1950.0  
cc OF MUD: \_\_\_\_\_  
TOTAL LIQUID cc: 1950.0

## HYDROCARBON PROPERTIES

OIL GRAVITY (°API): \_\_\_\_\_ @ \_\_\_\_\_ °F  
GAS/OIL RATIO (cu.ft. per bbl): \_\_\_\_\_  
GAS GRAVITY: \_\_\_\_\_

## CUSHION DATA

TYPE AMOUNT WEIGHT

## RECOVERED :

99 FEET OF BRINE WATER  
150 TO 200 CC'S OF OIL

MEASURED FROM  
TESTER VALVE

## REMARKS :
















BEFORE RIG CAME OUT OF HOLE....PUMPED 100 BBL'S. OF 10# BRINE.

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OCT 15 1987

DIVISION

TICKET NO: 50906100

[illegible]

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.826	2699.0	
4		FLEX WEIGHT.....	4.500	2.750	180.9	
3		DRILL COLLARS.....	6.250	2.250	510.8	
50		IMPACT REVERSING SUB.....	6.000	2.750	1.0	3392.0
3		DRILL COLLARS.....	6.000	2.250	82.9	
5		CROSSOVER.....	5.813	2.625	0.8	
13		DUAL CIP SAMPLER.....	5.000	0.750	7.0	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	3486.0
80		AP RUNNING CASE.....	5.000	2.250	4.1	3488.0
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.8	
70		OPEN HOLE PACKER.....	7.000	1.530	5.8	3503.0
70		OPEN HOLE PACKER.....	7.000	1.530	5.8	3509.0
20		FLUSH JOINT ANCHOR.....	5.750	3.500	43.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		4.1	3555.0
TOTAL DEPTH					3558.0	

**RECEIVED**  
OCT 15 1987

DIVISION OF  
OIL, GAS & MINING

EQUIPMENT DATA



## ANALYTICAL SERVICES

RT #2 P.O. BOX 2809  
ROOSEVELT, UTAH 84066CERTIFICATE OF ANALYSIS  
HYDROCARBONS BY GC

REPORT DATE: 12-2-87

LAB NUMBER: 877028

COMPANY: COLUMBIA GAS

LOCATION: HOUSTON, TEXAS

DATE	TIME	SAMPLE PRES(PSI)	TEMP(DEG F)	SOURCE
11-28-87	2:30 PM	70	-	ALTA 5 - 1B
NAME		MOLE %	GPM	VOLUME %
N2 + O2		0.256		
METHANE		94.129		
CO2		0.000		
ETHANE		2.697		
PROPANE		1.544	0.425	46.329
ISOBUTANE		0.228	0.075	8.129
NBUTANE		0.324	0.102	11.123
I-PENTANE		0.259	0.094	10.304
NPENTANE		0.202	0.073	7.951
HEXANES +		0.362	0.148	16.165
TOTALS		100	.91658	100

BTU PER CU.FT. (30 IN. 60 F. DRY) = 1096

BTU PER CU.FT. (30 IN. 60 F. SAT) = 1077

CALCULATED SPECIFIC GRAVITY OF GAS = 0.6099

COMPRESSIBILITY (Z) FACTOR = 0.9976

DATE	RUN #	ANALYSIS CYLINDER #	SAMPLER	ANALYST
12-2-87	9	C	JAY	GWP

OTHER INFO :



**RECEIVED**  
JAN 19 1988

DIVISION OF  
OIL, GAS & MINING

January 15, 1988

State of Utah  
Natural Resources  
Division of Oil, Gas and Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Ms. Arlene Sollis  
Oil & Gas Permitting

Reference: Sundry Notices for Emergency Pits, Water  
Disposal Pits, and to Vent Wells  
Cowden #31-3, Federal #33-6-F, Federal  
#33-3-J, Federal #33-8-N, Sandridge  
#23-25, Utah Federal "D" #3, and Alta  
#5-1-B  
Uintah County, Utah

Dear Ms. Sollis:

Enclosed please find two copies of Sundry Notices for the above referenced wells in Uintah County, Utah. These were erroneously left out of the original mailing with letters dated January 14, 1988.

Thank you for your consideration in this regard.

Very Truly Yours,

A handwritten signature in cursive script that reads "Trisha M. DiClementi".

Trisha M. DiClementi  
Regulatory Technician

tmd  
Enclosures

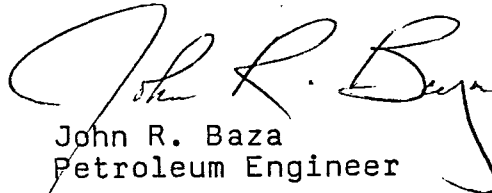
Page 2  
Columbia Gas Development Corporation  
February 1, 1988

The conditions of approval for the emergency pit for the Alta #5-1-B well are as follows:

1. The pit will only be used to store produced fluid from the well in the case of an emergency or upset condition of the well production facilities.
2. The operator will not allow the amount of produced fluid entering the pit to exceed the capacity of the pit at any time.
3. The pit will not be used for storage of produced water.
4. The pit may be used as a gas flare pit as long as liquid hydrocarbons are not present in the pit in flammable quantities.
5. The operator will line the emergency pit prior to use with at least two pounds per square foot of dry commercial bentonite or other suitable clay material approved by the Division.
6. All fluid in the pit will be removed and properly processed or disposed within 72 hours after commencement of production to the pit.

If you have any questions concerning this matter, please contact me at this office.

Sincerely,



John R. Baza  
Petroleum Engineer

cc: BLM-Vernal  
D. R. Nielson  
R. J. Firth  
Well files  
0384T-81-82

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Columbia Gas Development Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR P.O. Box 1350, Houston, Texas 77251-1350		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL & 1980' FEL, Sec. 5, T7S, R21E, SLB & M NE NW		8. FARM OR LEASE NAME Alta
14. API NUMBER 43-047-31776		9. WELL NO. #5-1-B
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 4687' GR 4702' KB		10. FIELD AND POOL, OR WILDCAT Undesignated
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5-7S-21E, SIM
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Permit for emergency pit	X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Maintain a fenced emergency pit under NTL-2B which is 40'x40'x6' and located 130' from the well. The pressure relief valve on top of the heater treater is piped to this pit. This pit will only be used if the flowline between the heater treater and the tanks become plugged. If this happens the pressure relief valve will open and the fluids will safely flow to this pit. This pit will not be used for water disposal since there is a water tank. Water is to be disposed of by trucking it out to one of the disposal pits listed. (SEE ATTACHED)

Estimated Evaporation Rate: 34" from March 1 - October 31; 0" from October 31 - March 1.  
(Information from the USDA Soil Conservation Service, Vernal, Utah)

Estimated Percolation Rate: Adjacent to Pit: Loamy fine sand with 75% sand, 20% silt, and 5% clay which corresponds to a 10" per hour soil permeability.  
Bottom of Pit: Loamy fine sand with 75% sand, 20% silt, and 5% clay which corresponds to a 10" per hour soil permeability.

(The sand, silt, clay analysis performed by Richard Foster of the USDA Soil Conservation Service in Vernal, Utah. The permeability correlation is from the "Soil Permeability Class Related To Texture" published by the U.S. Department of Agriculture, Bureau of Plant Industry, Soils, and Agricultural Engineering.)

Depth and Areal Extent of All Usable Water: The depth of usable water aquifers in the Horseshoe Bend Field is between 2000' and 3000' and extends across the entire field area. This data is from Gilbert Hund of Utah's Division of Oil, Gas and Mining.

Water Analysis: This well is shut-in due to lack of a gas market. When the well is put back on line, water samples will be analyzed and sent in under separate cover.

18. I hereby certify that the foregoing is true and correct

SIGNED W. J. Dittler TITLE Staff Production Engineer DATE 1-11-88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 2-2-88

\*See Instructions on Reverse Side

John R. Bays  
See attached conditions.

## ALTA #5-1-B

cont.---

Water is to be disposed of by trucking it out to one of the following disposal pits:

<u>OPERATOR</u>	<u>LOCATION</u>	<u>AREA</u>	<u>COUNTY</u>
Grant Bleazard	S30; T2S; R4W; USM	Blue Bench	Duchesne
Max Chapoose	S27; T1N; R2W; USM	Neola	Duchesne
Grant Hansen	S7; T3S; R3W; USM	Arcadia	Duchesne
Hansen - Mitchell	S8; T3S; R4W; USM	Arcadia	Duchesne
Dave Murray	S12; T5S; R19E; SLB&M	Lapoint	Uintah
Coastal Oil & Gas	S3; T10S; R21E; SLB&M	White River	Uintah
Dorrant Freston	S32; T1S; R1W; USM	Roosevelt	Duchesne



January 13, 1988

020808

State of Utah  
Natural Resources  
Division of Oil, Gas and Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Ms. Arlene Sollis  
Oil & Gas Permitting

Reference: Sundry Notice To Vent Well  
Alta #5-1-B  
Sec. 5, T7S, R21E  
Uintah County, Utah  
  
Cowden #31-3  
Sec. 31, T6S, R21E  
Uintah County, Utah

43-047-31776 POW-GPPU

Dear Ms. Sollis:

Enclosed please find the original and two copies of Sundry Notices requesting permission to vent the Alta #5-1-B and the Cowden #31-3 wells in Uintah County, Utah.

Should you have any questions, or require additional information, please contact myself or Bill Ditter, Staff Production Engineer, at 713/787-3400.

Thank you for your assistance.

Very Truly Yours,

*Trisha M. DiClementi*

Trisha M. DiClementi  
Regulatory Technician

tmd  
Enclosures

cc: N.R. Smith  
D.P. Roy

**RECEIVED**  
JAN 19 1988

DIVISION OF  
OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

RECEIVED  
JAN 19 1988

SUNDRY NOTICES AND REPORTS ON WELLS OF

(Do not use this form for proposals to drill or to deepen or plug back to surface. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input checked="" type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee <u>POW-GRU</u>	
2. NAME OF OPERATOR Columbia Gas Development Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
3. ADDRESS OF OPERATOR P.O. Box 1350, Houston, Texas 77251-1350		7. UNIT AGREEMENT NAME NA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FNL & 1980' FEL, Sec. 5, T7S, R21E, SLB & M NE NW		8. FARM OR LEASE NAME Alta	
14. API NUMBER 43-047-31776		9. WELL NO. #5-1-B	
15. ELEVATIONS (Show whether DT, RT, GA, etc.) 4687' GR 4702' KB		10. FIELD AND POOL, OR WILDCAT Undesignated	
		11. SEC., T., R., M., OR ALK. AND SURVEY OR AREA Sec. 5-7S-21E, STM	
		12. COUNTY OR PARISH (13. STATE) Uintah Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <u>Vent Gas From Well</u>	<input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Request permission to vent the Alta #5-1-B well until September 1, 1988.

The well has been tested at initial rates of 150 BOPD and 500 MCFD, and is located on the west side of the Green River. Currently, the only viable pipeline connections are on the east side of the river. To Columbia's knowledge, there are no gas sales pipelines or river crossings located within practical distance on the west side of the river. A pipeline crossing will cost approximately \$30,000. A venting permit is requested for two reasons:

1. The Green River Formation typically has a GOR of 600 SCF to 1 BBL of oil. The Alta #5-1-B currently has a GOR of 3333 SCF of gas to 1 BBL of oil. Some of the offset wells, such as Alta Energy's Federal #4-1-D, have experienced high initial GORs which have then declined to the field wide average. An approved permit to vent the well's gas production would give needed production information to see if the Alta #5-1-B gas production remains high or decreases to a point where the installation of a pipeline river crossing is economically feasible.
2. It is physically impossible to install a pipeline river crossing until late summer due to the ice in the winter months and torrent water flow rates down the river in the spring and early summer months.

If, based on the requested extended production data, the Alta #5-1-B will economically support a river crossing, it is Columbia Gas Development's intention to permit and install one by September, 1988. The Alta #5-1-B's reserves are estimated to be 75,000 BBL of oil.

(SEE ADDITIONAL ATTACHMENT)

18. I hereby certify that the foregoing is true and correct

SIGNED W. J. Dittler TITLE Staff Production Engineer DATE 1-13-88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

\*See Instructions on Reverse Side

DATE: 1-13-88  
BY: [Signature]  
See attached conditions.



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 1, 1988

020816

Columbia Gas Development Corporation  
5847 San Felipe  
P.O. Box 1350  
Houston, Texas 77251-1350

Gentlemen:

Re: Request for Approval of Emergency Pits

This letter responds to your request for approval of emergency pits for the following wells in Uintah County, Utah:

Alta #5-1-B  
Sec. 5, T. 7S, R. 21E  
Private lease

43-047-31776

POW-GRRV

Cowden #31-3  
Sec. 31, T. 6S, R. 21E  
Federal lease no. U-31736

Federal #33-6-F  
Sec. 33, T. 6S, R. 21E  
Federal lease no. U-2812

Federal #33-3-J  
Sec. 33, T. 6S, R. 21E  
Federal lease no. U-28212

Federal #33-8-N  
Sec. 33, T. 6S, R. 21E  
Federal lease no. U-37116

The Division of Oil, Gas and Mining hereby grants approval of the emergency pit for the Alta #5-1-B well according to the description of the proposed pit given in your sundry notice dated January 11, 1988, and the conditions of approval stated in this letter. For the other wells which are located on federal leases, you must first seek approval of such emergency pits from the U.S. Bureau of Land Management. The Division will accept BLM approval and any conditions of approval stipulated by the BLM.





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 1, 1988

Columbia Gas Development Corporation  
5847 San Felipe  
P.O. Box 1350  
Houston, Texas 77251-1350

Gentlemen:

Re: Request to Flare or Vent Associated Gas from Alta Well No. 5-1-B

The Division of Oil, Gas and Mining grants approval of your sundry notice dated January 13, 1988, to flare associated gas from the referenced well located in Section 5, Township 7 South, Range 21 East, Uintah County, Utah. The approval is limited to the conditions stipulated in a telephone conversation between Mr. Bill Ditter of your office and John Baza of the Division. Specifically, you are allowed to flare or vent associated gas produced from the well in excess of that allowed by Rule R615-3-22 of the Oil and Gas Conservation General Rules for a period not to exceed 60 days from the date of first production. Additionally, the total volume of gas to be flared may not exceed 100 MMcf.

Please note that this approval represents a variance to Rule R615-3-22, and the Division will inform the Board of Oil, Gas and Mining of this approval during the informal briefing session of their scheduled meeting on February 25, 1988. No Board action is required at this time; however, any additional request for flaring beyond the conditions of this approval will require the approval of the Board through a proper petition and hearing.

Please contact John Baza or R. J. Firth of this office if you have any further questions.

Best regards,

Dianne R. Nielson  
Director

JRB  
cc: R. J. Firth  
Well file  
0384T-79



6:1

032526

March 16, 1988

**RECEIVED**  
MAR 17 1988

DIVISION OF  
OIL, GAS & MINING

State of Utah - Natural Resources  
Division of Oil, Gas and Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Ms. Arlene Sollis  
Oil & Gas Permitting

Reference: Sundry Notice for Emergency Pits  
Alta #5-1-B  
Sec. 5, T7S, R21E  
Uintah County, Utah

43-047-31776 POW/BLR

Cowden #31-3, et al  
Horseshoe Bend Field  
Uintah County, Utah

Dear Ms. Sollis:

Enclosed please find three copies of water analysis reports to be added as a part of the Sundry Notices for Emergency Pits on the above referenced properties.

Should you require any additional information, please contact me at 713/787-3482.

Thank you for your assistance in this regard.

Very Truly Yours,

*Trisha M. DiClementi*

Trisha M. DiClementi  
Regulatory Technician

tmd  
Enclosures

CERTIFIED MAIL # P 550 246 443



A Procter &amp; Gamble Co.

P.O. BOX 1898  
OFFICE: 214/872-3011

CORSICANA, TEXAS 75110

PLANT: 214/874-3706  
(U.S.): 800/527-2510TWX: 910/860-5100  
(TX.) 800/442-6261**WATER ANALYSIS REPORT**COMPANY Columbia Gas Development Corp. ADDRESS Houston, TX 77251-1350 DATE: 3-08-88SOURCE Alta 5-1B DATE SAMPLED 3-08-88 ANALYSIS NO. \_\_\_\_\_

Analysis	Mg/l (ppm)	*Meq/l
1. pH	<u>7.8</u>	
2. H <sub>2</sub> S (Qualitative)	<u>5.5</u>	
3. Specific Gravity	<u>1.047</u>	
4. Dissolved Solids	<u>16,351</u>	
5. Suspended Solids		
6. Anaerobic Bacterial Count	<u>C/MI</u>	
7. (Phenolphthalein) Alkalinity (CO <sub>3</sub> )		
8. (Methyl Orange) Alkalinity (HCO <sub>3</sub> )	<u>400</u>	
9. Bicarbonate (HCO <sub>3</sub> )	HCO <sub>3</sub> <u>488</u>	+61 <u>8</u> HCO <sub>3</sub>
10. Sulfates (SO <sub>4</sub> )	SO <sub>4</sub> <u>50</u>	+48 <u>1</u> Cl
11. Chlorides (Cl)	Cl <u>9,912</u>	+35.5 <u>249</u> SO <sub>4</sub>
12. Calcium (Ca)	Ca <u>60</u>	+20 <u>3</u> Ca
13. Magnesium (Mg)	Mg <u>22</u>	+12.2 <u>2</u> Mg
14. Total Hardness (CaCO <sub>3</sub> )	<u>240</u>	
15. Total Iron (Fe)	<u>.7</u>	
16. Barium (Ba)		
17. Phosphate Residuals		

**RECEIVED**  
MAR 17 1988DIVISION  
OIL, GAS & MINING

\*Milli equivalents per liter

**PROBABLE MINERAL COMPOSITION**

3	Ca	←	HCO <sub>3</sub>	8
2	Mg	→	SO <sub>4</sub>	1
253	Na	→	Cl	249

**Saturation Values****Distilled Water 20°C**

Ca CO <sub>3</sub>	13Mg/l
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
Mg CO <sub>3</sub>	103 Mg/l

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04	<u>3</u>			<u>243</u>
Ca SO <sub>4</sub>	68.07				
Ca Cl <sub>2</sub>	55.50				
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17	<u>2</u>			<u>146</u>
Mg SO <sub>4</sub>	60.19				
Mg Cl <sub>2</sub>	47.62				
Na HCO <sub>3</sub>	84.00	<u>3</u>			<u>252</u>
Na SO <sub>4</sub>	71.03	<u>1</u>			<u>71</u>
Na Cl	58.46	<u>249</u>			<u>14,557</u>

REMARKS \_\_\_\_\_

Division of Oil, Gas and Mining  
**PHONE CONVERSATION DOCUMENTATION FORM**

Route original/copy to:

☒ **Well File** See below

☐ **Suspense**

☐ **Other**

(Return Date) \_\_\_\_\_

(Location) Sec \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_

(To - Initials) \_\_\_\_\_

(API No.) \_\_\_\_\_

1. Date of Phone Call: 3-6-89 Time: \_\_\_\_\_

2. DOGM Employee (name) John Baza (Initiated Call ☐)

Talked to: Trish DiClementi

Name Columbia Gas Corp. (Initiated Call ☒) - Phone No. ( ) \_\_\_\_\_

of (Company/Organization) \_\_\_\_\_

3. Topic of Conversation: Requested verbal approval to flare gas on two state wells due to transmission problems. SRB gave approval.

4. Highlights of Conversation: Two state wells:

Well no. Alta 5-1-B 43-047-31776 Sec. 5, T7S, R21E

Well no. Alta 5-2-C 43-047-31843 Sec. 5, T7S, R21E

→ Also flaring on 7 federal wells - already obtained BLM approval. I instructed her to submit letter listing wells and their average daily production rates. If flaring continues for more than seven days, she must contact me for extension of approval.



March 6, 1989

State of Utah Natural Resources  
Division of Oil, Gas and Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

**RECEIVED**  
MAR 07 1989

DIVISION OF  
OIL, GAS & MINING

Attention: Mr. John Baza

Reference: Notice of Vented Gas  
Horseshoe Bend Field  
Uintah County, Utah

Dear Mr. Baza:

In accordance with our conversation this morning, and your temporary approval, please be advised that gas is being vented for more than 24 hours at the following well locations. At your request, average daily production rates are listed for each well.

Alta #5-1-B	57 BOPD, 109 MCFD, 22 BWPD	43-047-31776 75 21 E Sec 5
Alta #5-2-C	35 BOPD, 15 MCFD, 12 BWPD	43-047-31843 75 21 E Sec 5
Fed. #33-3-J	33 BOPD, 68 MCFD, 29 BWPD	43-047-31804 65 21 E Sec 33
Fed. #33-6-F	49 BOPD, 104 MCFD, 32 BWPD	43-047-31769 65 21 E Sec. 33
Fed. #33-7-L	67 BOPD, 30 MCFD, 34 BWPD	43-047-31844 65 21 E Sec. 33
Fed. #33-8-N	54 BOPD, 74 MCFD, 11 BWPD	43-047-31787 65 21 E Sec. 33

Phoenix Natural Gas Company, owned and operated by Alta Energy, gathers the gas from each of these locations. The gas is then processed through a central compressor station, owned by Phoenix, before it is sold to Mountain Fuels. Phoenix has advised that the H<sub>2</sub>S scrubbing tower is having functional problems which causes the compressor station to go down, and which results in the venting of our gas. Should the venting continue by the end of this week, I will advise.

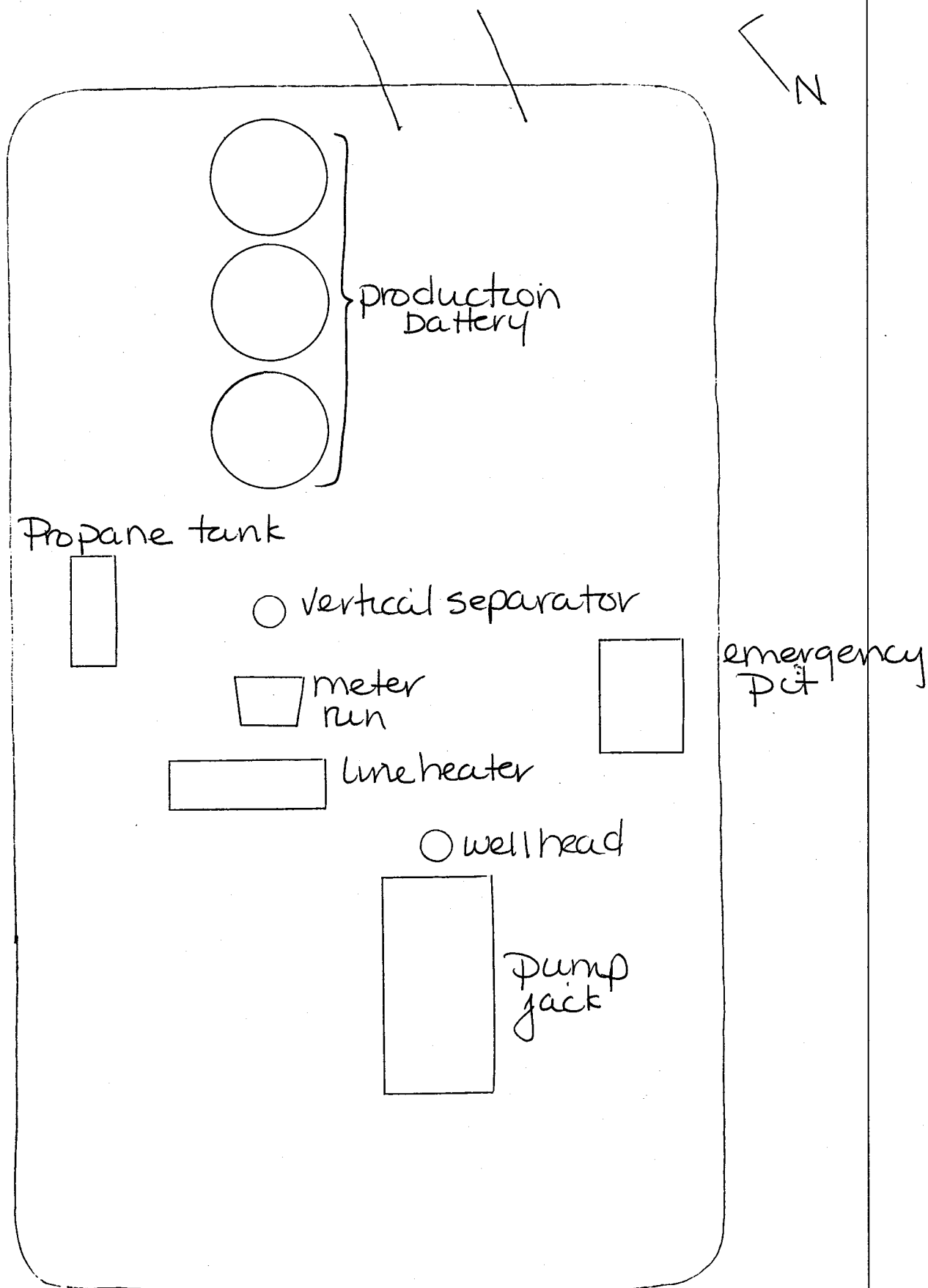
Should you have any questions, or require additional information, please contact me at 713/787-3400.

Very Truly Yours,

Trisha M. DiClementi  
Regulatory Technician

cc: N. R. Smith  
W. J. Ditter

**NATIONAL**





# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

March 27, 1989

Ms. Trisha M. DiClementi  
Columbia Gas Development Corporation  
5847 San Felipe  
P.O. Box 1350  
Houston, Texas 77251-1350

Dear Ms. DiClementi:

Re: Approvals of Gas Flaring or Venting

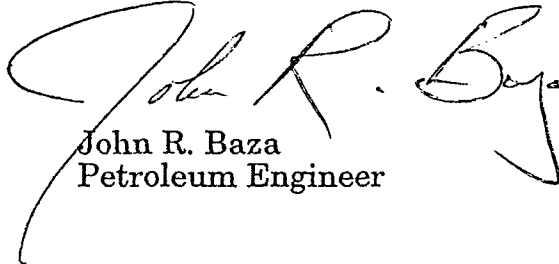
In response to your letter dated March 6, 1989, regarding gas flaring or venting from six wells in Uintah County, Utah, I felt it important to provide you with additional information concerning gas flaring or venting approvals. As of March 17, 1989, the Board of Oil, Gas and Mining adopted certain changes in the Oil and Gas Conservation General Rules. One of the affected rules is entitled Gas Flaring or Venting and has been renumbered as Rule R615-3-20. A copy of the modified rule is attached. The changes in the rule do not affect the verbal approval which I provided during our telephone conversation of March 6, 1989, and I believe the new rule will allow the flexibility to produce your wells as necessary during future emergency disruptions in the gas transmission system.

The significant changes in the rule on gas flaring and venting are firstly, that the operator of a well may now vent or flare up to 1800 Mcf of gas per month without approval and secondly, that operators are allowed specific unavoidable or short-term gas flaring or venting without approval in accordance with R615-3-20-4, 4.1, 4.2, and 4.2. The primary condition of allowing emergency gas flaring or venting is notification to the Division in accordance with Rule R615-3-32, Reporting of Undesirable Events (A copy of this rule is also attached). Therefore, in future cases of disruption in gas transmission, you should continue to perform as you did in this case and provide the Division with telephone notification with follow up written notification.

Page 2  
Ms. Trisha DiClementi  
March 27, 1989

I hope this adequately explains the requirements for obtaining gas flaring or venting approval. Please contact me again if you have any questions regarding our procedures.

Sincerely,



John R. Baza  
Petroleum Engineer

Enclosures  
cc: D. R. Nielson  
R. J. Firth  
Well file  
OI2/170-171





March 29, 1989

State of Utah Natural Resources  
Division of Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

**RECEIVED**  
MAR 30 1989

DIVISION OF  
OIL, GAS & MINING

Attention: Mr. John Baza

Reference: Notices of Vented Gas  
Alta #5-1-B, Alta #5-2-C ✓  
Federal #33-3-J, Federal #33-6-F  
Federal #33-7-L, Federal #33-8-N  
Horseshoe Bend Field  
Uintah County, Utah

Dear Mr. Baza:

Pursuant to my conversation with Mr. Gary Garner of today's date, enclosed please find Sundry Notices reporting vented gas from the above referenced well. The venting has exceeded BLM regulations as stated in NTL-4A, and the Vernal District office has instructed Columbia to submit Sundry Notices reflecting the number of hours and the amount of gas that has been vented for the month-to-date.

As I have mentioned in our previous conversations and correspondence, the gas has been vented due to problems at Phoenix's compressor station, and Columbia is not notified in advance to the venting. However, I will advise you should the venting become excessive again.

Should you have any questions, or require additional information, please contact me at 713/787-3400.

Very Truly Yours,

*Trisha M. DiClementi*  
Trisha M. DiClementi  
Regulatory Technician

TMD  
Enclosures

5-1-B 43-047-31776 75 21E Sec. 5  
5-2-C 43-047-31843 75 21E Sec. 5  
33-3-J 43-047-31804 65 21E Sec. 33  
33-6-F 43-047-31769 65 21E Sec. 33  
33-7-L 43-047-31844 65 21E Sec. 33  
33-8-N 43-047-31787 65 21E Sec. 33

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Columbia Gas Development Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, TX 77251-1350		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FNL & 1980' FEL, Sec. 5, T7S, R21E, SLB & DIVISION OF OIL, GAS & MINING		8. FARM OR LEASE NAME Alta
14. PERMIT NO. 43-047-31776		9. WELL NO. #5-1-B
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 4687' GR 4702' KB		10. FIELD AND POOL, OR WILDCAT Undesignated
		11. SEC., T., R., M., OR BLK. AND SUBDIVISION OR AREA Sec. 5-7S-21E, SLM
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) Gas Vented <input checked="" type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Phoenix Nat. Gas Co. gathers and processes the gas from the referenced well. Phoenix has advised that the H<sub>2</sub>S scrubbing tower is having functional problems which causes the compressor station to go down, and which results in the venting of our gas. Columbia is not advised of the venting until after the fact, and to date the amount of venting is as follows:

Date	Hours	MCF
3/1/89	8	25
3/4/89	8	20
3/5/89	24	70
3/6/89	24	68
3/12/89	24	106
3/21/89	24	108
3/23/89	24	108
3/26/89	24	108
3/27/89	24	112
TOTAL	184 Hours	725 MCFs

## 18. I hereby certify that the foregoing is true and correct

SIGNED Frederick M. DeClementeTITLE Regulatory TechnicianDATE 3/29/89

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 2

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

SONJA ROLFES  
COLUMBIA GAS DEVELOPMENT  
PO BOX 1350  
HOUSTON TX 77251

UTAH ACCOUNT NUMBER: N5035REPORT PERIOD (MONTH/YEAR): 6 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ GOVT EVELYN CHAMBERS #1								
4303730572	07100	31S 24E 6	ISMY			112646.7		
✓ GOVT EVELYN CHAMBERS #2								
4303730612	07100	31S 24E 5	ISMY			112646.7		
✓ FEDERAL 33-8-N								
4304731787	10760	06S 21E 33	GRRV			113711.6		
✓ COWDEN 31-3-C								
4304731768	10761	06S 21E 31	GRRV			113173.6		
✓ ALTA #5-1-B								
4304731776	10771	07S 21E 5	GRRV			FEE	(Bundok)	
✓ FEDERAL 33-6-F			SE NW					
4304731769	10779	06S 21E 33	GRRV			112821.2		
✓ ERAL 33-3-J			NW SE					
4304731804	10787	06S 21E 33	GRRV			112821.2		
✓ FEDERAL 33-7-L			NW SE					
4304731844	10915	06S 21E 33	GRRV			115068.7	O.A. 1126078.3	
✓ ALTA 5-2-C								
4304731843	10916	07S 21E 5	GRRV			FEE	(Bundok)	
KANE SPRINGS FEDERAL 27-1								
4301931310	11180	25S 19E 27	CNCR			11659.71	Kane Springs Unit	
KANE SPRINGS FEDERAL 19-1A								
4301931324	11353	26S 20E 19	CNCR			1126536.26	Kane Springs Unit	
KANE SPRINGS FEDERAL 28-1								
4301931325	11354	25S 19E 28	CNCR			11506.78	Kane Springs Unit/Non LA	
✓ KANE SPRINGS FEDERAL 10-1								
4301931331	11414	25S 18E 10	CNCR			1126478.58	Kane Springs Unit	
TOTALS								

COMMENTS: \_\_\_\_\_

hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

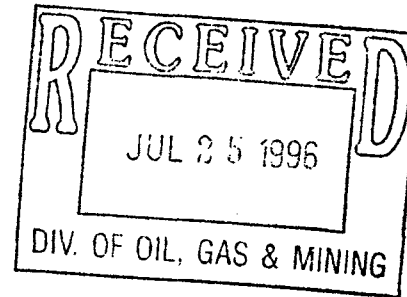
Telephone Number: \_\_\_\_\_



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3100  
U-968 et al  
(UT-932)

JUL 23 1996

### NOTICE

Aviara Energy Corporation  
P.O. Box 1350  
Houston, Texas 77251-1350

: Oil and Gas  
: U-968 et al  
:

### Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Columbia Gas Development Corporation to Aviara Energy Corporation on Federal oil and gas leases.

For our purposes, the name change is recognized effective May 1, 1996 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator is required by our Field Offices, you will be contacted by them.

Due to the name change, the name of the principal on the bond is required to be changed from Columbia Gas Development Corporation to Aviara Energy Corporation on Bond No. U-391050-16RR (BLM No. CO0356). A rider effecting this change has been submitted to the Colorado State Office of the BLM, which holds this nationwide bond.

**ROBERT LOPEZ**

Group Leader,  
Minerals Adjudication Group

### Enclosure

Exhibit (1 p.)

bc: Lisha Cordova, State of Utah, Division of Oil, Gas and Mining, P.O. Box 145801, Salt Lake City, Utah 84114-5801  
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217  
Moab District Office  
Vernal District Office  
Teresa Thompson (UT-931)  
Irene Anderson (UT-932)

Exhibit of Leases

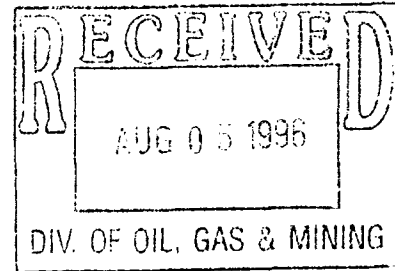
U-968	U-52277	UTU-65329
U-6911	U-52641	UTU-65795
U-15051	U-53624	UTU-65971
U-26467	U-53626	UTU-65972
U-28212	U-54037	UTU-65973
U-31736	U-55510	UTU-66020
U-34023	U-58517	UTU-66025
U-37116	U-60530	UTU-66849
U-46693	U-61182	UTU-67132
U-46697	U-61588	UTU-67552
U-47858	U-62181	UTU-67558
U-49964	U-62679	UTU-67854
U-50393	U-62832	UTU-68116
U-50678	U-62833	UTU-68117
U-50683	U-62906	UTU-68118
U-50687	U-63127	UTU-68122
U-51239	U-63128	UTU-68232
U-51636	UTU-64538	UTU-68342
U-51826	UTU-64927	UTU-69029
U-60780 (CA)	U-60783 (CA)	UTU-73405
UTU-67755X (Kane Springs Unit)		

# ***Aviara Energy Corporation***

**VIA AIRBORNE EXPRESS**

2 August 1996

State of Utah - Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114



**Re: Notification of Name Change from "Columbia Gas Development Corporation" to "Aviara Energy Corporation".**

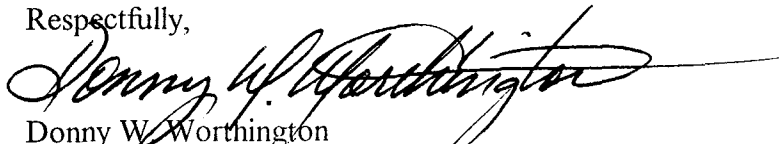
Dear Sirs;

Attached please find documents relating to our company name change from "Columbia Gas Development Corporation" to "Aviara Energy Corporation". I have attached our surety bond rider showing the name change of the principal as well as documents relating to the Corporate name change. These Corporate name change documents contain a Certificate of Corporate Resolution, a Certificate of Amendment of Certificate of Incorporation by the Secretary of State of the State of Delaware evidencing a change of name effective April 30, 1996 from "Columbia Gas Development Corporation" to "Aviara Energy Corporation" and an amended Certificate of Incumbency in accordance with the regulations concerning qualifications of corporations holding Federal leases. I have also attached a list of wells and their locations that will be affected by the name change.

We hereby formally request your acceptance of this rider, and thus, our name change. Please sign the rider and return the appropriate copies to Aviara Energy Corporation (attn: Mr. Dean Roy). Also, please have your office make the necessary changes in your records to reflect this name change at this time.

Should you have questions or require additional information, please feel free to call me at (713) 871-3631. Thank you.

Respectfully,

  
Donny W. Worthington  
Manager, Environmental, Safety & Regulatory

DWW/  
attachments:

***One Riverway, P.O. Box 1350, Houston, Texas 77251-1350 Telephone (713) 871-3400***

UTAH

GRAND COUNTY

KANE SPRINGS FIELD

LOCATION

Kane Springs Federal #10-1	10-25S-18E
Kane Springs Federal Unit #16-1	16-25S-18E
Kane Springs Federal #19-1A	19-26S-20E
Kane Springs Federal #27-1	27-25S-19E
Kane Springs Federal #34-1	34-25S-19E
<i>Kane Springs Fed. 28-1</i>	<i>28-25S-19E</i>
<i>Kane Springs Fed. 20-1</i>	<i>20-26S-19E</i>

SAN JUAN COUNTY

LISBON FIELD

Government Evelyn Chambers #1 (T&Ad)  
Government Evelyn Chambers #2 (T&Ad)

UINTAH COUNTY

HORSESHOE BEND FIELD

WELL

LOCATION

Alta 5-1-B	5-7S-21E
Alta 5-2-C	5-7S-21E
Cowden 31-3-C	31-6S-21E
Federal 33-3-J	33-6S-21E
Federal 33-6-F	33-6S-21E
Federal 33-7-L	33-6S-21E
Federal 33-8-N	33-6S-21E

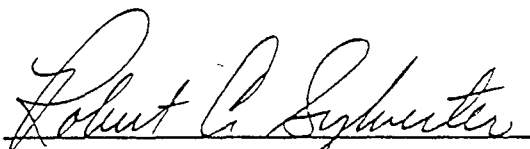
CERTIFICATE

I, Robert C. Sylvester, Assistant Secretary of Aviara Energy Corporation, a corporation organized and existing under the laws of the State of Delaware, do hereby certify that the attached document titled Certificate of Amendment of Certificate of Incorporation is a true and correct copy of the Certificate of Amendment of Certificate of Incorporation filed in the Secretary of State of the State of Delaware's office on April 30, 1996.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of said Corporation this

5<sup>th</sup>

day of July, 1996.



Robert C. Sylvester  
Assistant Secretary

CORPORATE SEAL

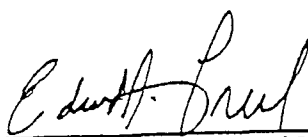


*Office of the Secretary of State*

---

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COLUMBIA GAS DEVELOPMENT CORPORATION", CHANGING ITS NAME FROM "COLUMBIA GAS DEVELOPMENT CORPORATION" TO "AVIARA ENERGY CORPORATION", FILED IN THIS OFFICE ON THE THIRTIETH DAY OF APRIL, A.D. 1996, AT 1:15 O'CLOCK P.M.



  
Edward J. Freel, Secretary of State

AUTHENTICATION:

DATE:

7928485

05-01-96

0735923 8100

960125685

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 01:15 PM 04/30/1996  
960124621 - 735923

CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION  
OF  
COLUMBIA GAS DEVELOPMENT CORPORATION

Columbia Gas Development Corporation (the "Corporation"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,

DOES HEREBY CERTIFY:

FIRST: That the Certificate of Incorporation of Columbia Gas Development Corporation is amended by amending Article First thereof to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter called "the Corporation") is Aviaara Energy Corporation."

SECOND: That said amendment was duly adopted in accordance with the provisions of §242 of the General Corporation Law of the State of Delaware and has been consented to in writing by the sole stockholder in accordance with §228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said Columbia Gas Development Corporation has caused this Certificate to be signed by Larry J. Bainter, its Treasurer this 29th day of April 1996.

*Executed*  
*[Signature]*

COLUMBIA GAS DEVELOPMENT CORPORATION

By: *[Signature]*  
Name: Larry J. Bainter

## CERTIFICATE

The undersigned hereby certifies that he is Assistant Secretary of Aviara Energy Corporation, a Delaware corporation (the "Corporation"), that on the 19th day of June, 1996 by Unanimous Consent of the Board of Directors of the Corporation in Lieu of Special Meeting, pursuant to Section 141(f) of the Delaware Corporation Law, the following resolutions were adopted, with the same force and effect as though adopted at a Special Meeting of the Board of Directors of the Corporation duly called and held, that such resolutions are now in full force and effect, and that said resolutions have not been amended or rescinded:

RESOLVED, that, the Chairman and Chief Executive Officer, the President and Chief Operating Officer, the Vice Presidents and the Secretary of the Corporation, be and each of them is hereby authorized and empowered, without the joinder of any other officer of the Corporation, to execute for and on behalf of the Corporation, any and all bids for leases from the United States of America, through the Minerals Management Service (Department of Interior), of any tract or tracts owned by the United States of America, located in either onshore or offshore areas, including tracts in the Outer Continental Shelf, as may at any time, and from time to time, heretofore have been offered or hereafter may be offered for lease by the United States of America, all on such terms and conditions as may be specified in any such offer to lease and on such terms and conditions and for such consideration as the aforementioned officers of the corporation, or any one of them, may deem proper and advisable; and to further execute on behalf of the Corporation all agreements and other instruments (including, without limitation, applications, bids, leases, bonds, assignments, relinquishments, prospecting permits, division and transfer orders, guarantees, indemnities, designations of operator, unitization agreements, operating agreements, liquids commingling agreements, general correspondence and any other documents) which may be necessary, useful or expedient at any time in carrying on the business of the Corporation involving any such lease or asset with the United States of America or any agency, bureau or department thereof; and

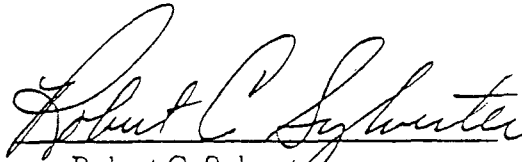
RESOLVED, that, any of such officers is further authorized and empowered to sell, assign, transfer, convey and deliver, in the name and on behalf of the Corporation any or all right, title and interest of any character in any lease or asset now owned or hereafter acquired by the Corporation covering any tract or tracts owned by the United States of America, or obtained or used in connection therewith, wherever located, for such prices and upon such terms and conditions as shall be approved by the Board of Directors; and

RESOLVED, that, the Chairman and Chief Executive Officer, the President and Chief Operating Officer, the Vice Presidents and the Secretary of the Corporation, be, and each of them is, hereby authorized and empowered, without the joinder of any other officer of the Corporation, to execute for and on behalf of the Corporation, any and all agreements and other instruments (including without limitation assignments of mining leases, prospecting permits, letter agreements,

consent forms, applications and approval letters) with the Tribe(s) of the Fort Peck Reservation and the Three Affiliated Tribes of the Fort Berthold Indian Reservation or any agency, bureau or department thereof, or any agency, bureau or department of the United States of America concerning same on such terms and conditions as may be specified and for such consideration as he may deem proper and advisable which may be necessary, useful or expedient at any time in carrying on the business of the Corporation upon the aforementioned Reservations; and

RESOLVED, that, the foregoing resolutions be deemed, and are effective, for all purposes as of April 30, 1996.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the seal of the Corporation this 5<sup>th</sup> day of July, 1996.

A handwritten signature in cursive script, reading "Robert C. Sylvester".

Robert C. Sylvester  
Assistant Secretary

CORPORATE SEAL

STATE OF TEXAS           §  
                                  §  
COUNTY OF HARRIS       §

STATEMENT OF AVIARA ENERGY CORPORATION

The undersigned, Robert C. Sylvester, Assistant Secretary of Aviara Energy Corporation, being first duly sworn on his oath, states that the following is correct to the best of his knowledge.

1.     State of Incorporation. Aviara Energy Corporation is incorporated in the State of Delaware.
2.     Authorization to hold oil and gas leases on OCS and other federal lands. Aviara Energy Corporation is authorized to hold oil and gas leases on the Outer Continental Shelf, on other federal lands, including onshore lands, and on tribal lands administered by the Bureau of Indian Affairs or other agency.

Dated this 5<sup>th</sup> day of July, 1996.

AVIARA ENERGY CORPORATION

By Robert C. Sylvester  
Robert C. Sylvester  
Assistant Secretary

CORPORATE SEAL

SUBSCRIBED AND SWORN TO before me this 5<sup>th</sup> day of July, 1996.

Carolyn Oliver  
Notary Public, State of Texas



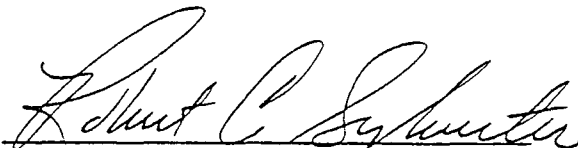
CAROLYN OLIVER  
NOTARY PUBLIC, STATE OF TEX.  
MY COMMISSION EXPIRES  
JULY 19, 1997

CERTIFICATE OF INCUMBENCY

I, Robert C. Sylvester, Assistant Secretary of Aviara Energy Corporation, a Delaware corporation (the "Company"), do hereby certify that the following named persons now are, and at all times on and subsequent to April 30, 1996, have been duly elected or appointed, qualified and acting officers of the Company holding the offices set after their respective names as follows:

Tracy W. Krohn	Chairman and Chief Executive Officer
James L. Parker	President and Chief Operating Officer
David M. McCubbin	Vice President
Gary J. Mabie	Vice President
Ken Fagan	Vice President
Robert C. Sylvester	Treasurer and Assistant Secretary
Ivan Irwin, Jr.	Secretary
Jere F. Freel	Assistant Secretary

IN WITNESS WHEREOF, I have executed this Certificate and affixed the seal of the Company this 3rd day of July, 1996.

  
Robert C. Sylvester, Assistant Secretary

CORPORATE SEAL

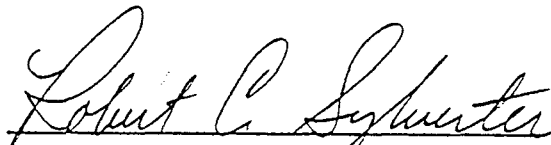
CERTIFICATE

I, Robert C. Sylvester, on behalf of Aviara Energy Corporation, (hereinafter called the "Company"), hereby certify that I am an Assistant Secretary of the Company and that:

The following officers and employees are authorized to execute leases, bids for leases, offers to lease, subleases, permits, licenses, applications therefor, assignments thereof, and requests for approval thereof, and other similar documents and to act on behalf of the Company in such matters.

<u>Name</u>	<u>Office/Title</u>
Tracy W. Krohn	Chairman and Chief Executive Officer
James L. Parker	President and Chief Operating Officer
Gary J. Mabie	Vice President
David M. McCubbin	Vice President
Ken Fagan	Vice President
Ivan Irwin, Jr.	Secretary

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of the Company  
this 5<sup>th</sup> day of July, 1996.

  
Assistant Secretary

CORPORATE SEAL

## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-LEC	6-LEC
2-GTH/EYE	7-KDR
3-DTS	8-SJ
4-VLD	9-FILE
5-RJF	

☒ Change of Operator (~~well sold~~) ☐ Designation of Agent  
☐ Designation of Operator ☒ Operator Name ~~Change Only~~

The operator of the well(s) listed below has changed, effective: 5-1-96

TO: (new operator) AVIARA ENERGY CORPORATION  
 (address) PO BOX 1350  
HOUSTON TX 77251  
 Phone: (713)871-3400  
 Account no. N5500 (8-6-96)

FROM: (old operator) COLUMBIA GAS DEVELOPMENT  
 (address) PO BOX 1350  
HOUSTON TX 77251  
 Phone: (713)871-3400  
 Account no. N5035

WELL(S) attach additional page if needed:

**\*KANE SPRINGS UNIT**  
**C.A. UTU60783**

Name: <b>**SEE ATTACHED**</b>	API: <u>43-047-31776</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- N/A 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form).
- See 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Reg. 7-25-96) (Leid 8-5-96)
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_\_. If yes, show company file number: 02-081180. (1st 5-8-96)
- See 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (8-6-96)
- See 6. Cardex file has been updated for each well listed above. (8-6-96)
- See 7. Well file labels have been updated for each well listed above. (8-6-96)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (8-6-96)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.



## ENTITY REVIEW

- LCC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) \_\_\_\_\_. If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/H 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY)

- LCC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond. *Trust Lands/Red Bond Rider "Columbia to Avicara"*  
*\*Red "Rider" 8-5-96; bond no. chgd to 4274/45L*  
*80,000 Avicara Energy Corporation, United Pacific Ins.*
- \_\_\_\_ 2. A copy of this form has been placed in the new and former operator's bond files. *\* Upon Compl. of routing.*
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_, as of today's date \_\_\_\_\_. If yes, division response was made to this request by letter dated \_\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- \_\_\_\_ 1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

## FILMING

- KDR 1. All attachments to this form have been microfilmed. Today's date: August 21, 1996

## FILING

- \_\_\_\_ 1. Copies of all attachments to this form have been filed in each well file.
- \_\_\_\_ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

## COMMENTS

760725 BLM/SL Appr. 11/5-1-96

**HUNT PETROLEUM (AEC), INC.**

**1601 Elm Street, Suite 3400**

**Dallas, Texas 75201**

July 11, 2002

State of Utah  
Department of Oil, Gas & Minerals  
1594 West N. Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

Attn: Mr. Jim Hamilton

Re: Travelers Bond No. 103860066

Dear Sir:

This is to advise you that Aviara Energy Corporation has changed its name to Hunt Petroleum (AEC), Inc., effective July 1, 2002. Attached is a Surety Rider to Travelers Bond #103860066 (which replaced CNA Bond No. 159209096) and a copy of the Surety Bond on State of Utah Form 4A currently on file with the State of Utah, Department of Natural Resources.

If you have any questions please give me a call at (214) 880-8916.

Yours very truly,

*Mary Melvin*

Mary Melvin  
Legal Assistant

attachments

cc: Max Gardner (w/enc.)  
Donny Worthington (w/enc.)  
Gerald Phillips (w/enc.)

Receipt acknowledged this \_\_\_ day of July 2002.

STATE OF UTAH, Department of Oil, Gas & Minerals

By: \_\_\_\_\_

Title: \_\_\_\_\_

**RECEIVED**  
JUL 15 2002  
DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:  
3106 (MM)

July 22, 2002

## NOTICE

Hunt Petroleum (AEC), Inc.  
1601 Elm Street, Suite 3400  
Dallas, TX 75201

:  
:  
Oil and Gas  
:

### Name Change Recognized

Acceptable evidence was filed and accepted by this office concerning the name change of Aviaara Energy Corporation to Hunt Petroleum (AEC), Inc. with Hunt Petroleum (AEC), Inc. being the surviving entity. For our purposes, the name change was recognized effective July 1, 2002 the date of acceptance by the Secretary of the State of Delaware.

A rider changing the name of the principal on Nationwide bond number 159209244 (BLM Bond CO-1274) previously held by Aviaara and issued by Continental Casualty Company, was changed to Hunt Petroleum (AEC), Inc. effective July 12, 2002.

The oil and gas lease files identified on the enclosed Exhibit A, supplied by Hunt Petroleum (AEC), Inc. were updated to reflect the new name. We have not abstracted the lease files to determine if the entities affected by the name change hold an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Mineral Management Services (MMS) and applicable Bureau of Land Management (BLM) Field Offices of the name change by copy of this notice. If our field offices require additional documentation for changes of operator, they will contact you.

If you identify additional leases where the affected parties maintain an interest, please contact this office and we will document the files under our jurisdiction with a copy of this Notice. If the leases are under the jurisdiction of another State Office, we will notify them.

If you have any questions concerning this correspondence, please call Martha Maxwell at (303)239-3768.

*Michelle K. Harrison*  
FOR Beverly Derringer  
Chief, Fluid Minerals Adjudication

Exhibit A sent to Eastern SO, New Mexico SO, Montana SO, Utah SO, Wyoming SO &  
MMS-MRM, MS357B1, PO Box 5760, Denver, CO 80217  
Decision Letter sent to All State Offices via BLM\_Fluids\_Forum

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See attachment</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Hunt Petroleum (AEC), Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1601 Elm Street, Suite 3400 Dallas, TX 75201		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
COUNTY:		10. FIELD AND POOL, OR WILDCAT:
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Change of company from Aviara Energy Inc. to Hunt Petroleum (AEC), Inc.  
effective July 1, 2002.

NAME (PLEASE PRINT) Lisa Augustine TITLE Agent  
SIGNATURE *Lisa Augustine* DATE August 6, 2002

(This space for State use only)

RECEIVED

AUG 07 2002

DIVISION OF  
OIL, GAS AND MINING

api	well_name	section	township	range	ll_status_m
4301931310	KANE SPRINGS FED 27-1	27	250S	190E	P
4301931324	KANE SPRINGS FED 19-1A	19	260S	200E	P
4301931325	KANE SPRINGS FED 28-1	28	250S	190E	S
4301931331	KANE SPRINGS FED 10-1	10	250S	180E	P
4301931332	KANE SPRINGS FED 20-1	20	260S	190E	S
4301931334	KANE SPRINGS FED 25-19-34-1	34	250S	190E	P
4301931363	CANE CREEK FEDERAL 7-1	07	250S	190E	DRL
4301931364	CANE CREEK FED 11-1	11	260S	190E	DRL
4301931365	CANE CREEK 30-1	30	260S	200E	APD
4301931379	KANE SPRINGS FED 3-1	03	260S	190E	APD
4303730572	GOVT EVELYN CHAMBERS 1	06	310S	240E	S
4303730612	GOVT EVELYN CHAMBERS 2	05	310S	240E	S
4304731768	COWDEN 31-3-C	31	060S	210E	S
4304731769	FEDERAL 33-6-F	33	060S	210E	P
4304731787	FEDERAL 33-8-N	33	060S	210E	P
4304731804	FEDERAL 33-3-J	33	060S	210E	S
4304731844	FEDERAL 33-7-L	33	060S	210E	P
4301931341	KANE SPRINGS 16-1	16	250S	180E	A
4304731776	ALTA 5-1-B	05	070S	210E	P
4304731843	ALTA 5-2-C	05	070S	210E	P

## 3. FILE

### Designation of Agent

## X Operator Name Change

## Merger

The operator of the well(s) listed below has changed, effective: **07-01-2002**

<b>FROM:</b> (Old Operator):	<b>TO:</b> ( New Operator):
AVIARA ENERGY CORPORATION	HUNT PETROLEUM (AEC) INC
Address: 1601 ELM STREET, STE 3400	Address: 1601 ELM STREET, STE 3400
DALLAS, TX 75201	DALLAS, TX 75201
Phone: 1-(214)-880-8850	Phone: 1-(214)-880-8850
Account No. N5500	Account No. N2180

CA NO.

Unit:

**WELL(S)**

[illegible]

## OPERATOR CHANGES DOCUMENTATION

**Enter date after each listed item is completed**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 07/15/2002
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/07/2002
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 08/07/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 56883-0143
5. If **NO**, the operator was contacted contacted on: N/A
6. (R649-9-2) Waste Management Plan received on: IN PLACE

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/01/2002

---

7. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

---

8. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

---

9. **Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 08/08/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/08/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: N/A

---

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number:

---

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: N/A

---

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 103860066
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

---

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 08/08/2002

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**COMMENTS:**

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STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: SUMMIT OPERATING, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: PO BOX 683909 CITY PARK CITY STATE UT ZIP 84068		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (435) 940-9001		8. WELL NAME and NUMBER: MULTIPLE
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		9. API NUMBER: MULTIPLE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		10. FIELD AND POOL, OR WILDCAT: HORSESHOE BEND
		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: CHANGE OF OPERATOR
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

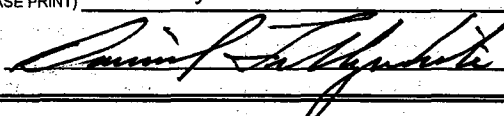
Please be advised that Summit has acquired the following wells from Hunt Petroleum effective December 1, 2002. The properties will be operated by Summit Operating, LLC #N2315. The appropriate bonding should be in place with the state:

WELL NAME	API NUMBER
FEDERAL 33-3-J	43-047-31804-00-00-
FEDERAL 33-7-L	43-047-31844-00-00-
FEDERAL 33-8-N	43-047-31787-00-00-
COWDEN 31-3-C	43-047-31768-00-00-
ALTA 5-2-C	43-047-31843-00-00-
ALTA 5-1-B	43-047-31776-00-00-
FEDERAL 33-6-F	43-047-31769-00-00-

RECEIVED

JAN 28 2003

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) David Lillywhite	TITLE Manager
SIGNATURE 	DATE 1/24/2003

(This space for State use only)



**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT OF CO AGREEMENT NAME:

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER See Attachment

8. WELL NAME and NUMBER:

2. NAME OF OPERATOR:

9. API NUMBER:

3. ADDRESS OF OPERATOR:

PHONE NUMBER:

10. FIELD AND POOL, OR WILDCAT:

PO BOX 683909 CITY Park City STATE UT ZIP 84068 435-940-9001

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

## TYPE OF ACTION

☐ NOTICE OF INTENT  
 (Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
 (Submit Original Form Only)

Date of work completion:

☐ ACIDIZE☐ ALTER CASING☐ CASING REPAIR☐ CHANGE TO PREVIOUS PLANS☐ CHANGE TUBING☐ CHANGE WELL NAME☐ CHANGE WELL STATUS☐ COMINGLE PRODUCING FORMATIONS☐ CONVERT WELL TYPE☐ DEEPEN☐ FRACTURE TREAT☐ NEW CONSTRUCTION☒ OPERATOR CHANGE☐ PLUG AND ABANDON☐ PLUG BACK☐ PRODUCTION (START/RESUME)☐ RECLAMATION OF WELL SITE☐ RECOMPLETE - DIFFERENT FORMATION☐ REPERFORATE CURRENT FORMATION☐ SIDETRACK TO REPAIR WELL☐ TEMPORARILY ABANDON☐ TUBING REPAIR☐ VENT OR FLARE☐ WATER DISPOSAL☐ WATER SHUT-OFF☐ OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Hunt Petroleum (AEC), Inc. is conveying 100% of its right, title and interest in and to the wells listed on the Attachment. N2180

NEW OPERATOR: Summit Operating, LLC

BLM BUND #: UT 8000014

EFFECTIVE DATE: 12/1/02

Name (Please Print) STEVE BROOKSTitle LAND MANAGERSignature Steve BrooksDate 1-27-03

NAME (PLEASE PRINT)

David Lillywhite

TITLE

Manager

SIGNATURE

David Lillywhite

DATE

12/23/02

(This space for State use only)

179.158

October 22, 2002  
List of Wells

<u>Well Name &amp; Number</u>	<u>Location</u>	<u>Well Type</u>	<u>API Number</u>	<u>Well Status</u>
Federal 33-6-F	06S21E33	OW	4304731769	POW
Federal 33-7-L	06S21E33	OW	4304731844	POW
Federal 33-3-J	06S21E33	OW	4304731804	SOW
Federal 33-8-N	06S21E33	OW	4304731787	POW
Cowden 31-3-C	06S21E31	GW	4304731768	SGW
Alta 5-1-B	07S21E05	OW	4304731776	POW
Alta 5-2-C	07S21E05	OW	4304731843	POW

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

8. WELL NAME and NUMBER:

MULTIPLE

2. NAME OF OPERATOR:

SUMMIT OPERATING, LLC

N2315

9. API NUMBER:

MULTIPLE

3. ADDRESS OF OPERATOR:

PO BOX 683909

CITY

PARK CITY

STATE

UT

ZIP

84068

PHONE NUMBER:

(435) 940-9001

10. FIELD AND POOL, OR WILDCAT:

HORSESHOE BEND

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: CHANGE OF OPERATOR
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that Summit has acquired the following wells from Hunt Petroleum effective December 1, 2002. The properties will be operated by Summit Operating, LLC #N2315. The appropriate bonding should be in place with the state:

WELL NAME API NUMBER

FEDERAL 33-3-J 43-047-31804-00-00-

FEDERAL 33-7-L 43-047-31844-00-00- ✓

FEDERAL 33-8-N 43-047-31787-00-00- ✓

COWDEN 31-3-C 43-047-31768-00-00-

ALTA 5-2-C 43-047-31843-00-00-

ALTA 5-1-B 43-047-31776-00-00-

FEDERAL 33-6-F 43-047-31769-00-00-

RECEIVED

JAN 28 2003

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) David Lillywhite

TITLE Manager

SIGNATURE

DATE 1/24/2003

(This space for State use only)

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective **12/01/2002****FROM:** (Old Operator):

HUNT PETROLEUM CORPORATION

1601 Elm Street, Suite 3400

Dallas, TX 75201

Phone: 1-(214) 880-8914

Account No. N 2180

**TO:** ( New Operator):

SUMMIT OPERATING, LLC

PO Box 683909

Park City, UT 84068

Phone: 1-(435) 940-9001

Account No. N2315

CA No.

Unit:

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
COWDEN 31-3-C	31	060S	210E	4304731768	10761	Federal	GW	S
FEDERAL 33-6-F	33	060S	210E	4304731769	10779	Federal	OW	P
FEDERAL 33-8-N	33	060S	210E	4304731787	10760	Federal	OW	P
FEDERAL 33-3-J	33	060S	210E	4304731804	10787	Federal	OW	S
FEDERAL 33-7-L	33	060S	210E	4304731844	10787	Federal	OW	P
ALTA 5-1-B	05	070S	210E	4304731776	10771	Fee	OW	S
ALTA 5-2-C	05	070S	210E	4304731843	10916	Fee	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 01/27/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 01/28/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on 06/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 2036229-0160
- If **NO**, the operator was contacted on: \_\_\_\_\_
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases BLM 06/09/2003 BIA N/A
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on 06/09/2003

---

**9. Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: 04/29/2003

---

**10. Underground Injection Control ("The Division has approved UIC Form 5, Transfer of Authority to**

**Inject** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 06/30/2003
  2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on 06/30/2003
  3. Bond information entered in RBDMS on: 06/30/2006
  4. Fee wells attached to bond in RBDMS on: 06/30/2003
- 

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: N/A
- 

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: B000014
- 

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: N/A
- 

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number: ZSB800622
  2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
- 

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on 06/30/2003
- 

**COMMENTS:**

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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

June 30, 2003

Melinda Mayse, Regulatory Specialist  
Hunt Petroleum (AEC), Inc.  
PO Box 1350  
Houston, TX 77251

Re: Notification of Sale or Transfer of Fee Lease Interest

Dear Ms. Mayse:

The Division has processed your request for an operator change from Hunt Petroleum (AEC), Inc. to Summit Operating, LLC. effective December 1, 2002 for the following fee well.

<u>Well Name</u>	<u>Sec. T. R.</u>	<u>API Number</u>
Alta 5-1-B	05-7S-21E	43-047-31776
Alta 5-2-C	05-7S-21E	43-047-31843

Utah Administrative Code Rule R649-2-10 states: "The owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred".

This letter is written to advise you of your responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the changer. Please provide written documentation of this notification to:

Utah Royalty Owners Association  
PO Box 1292  
Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

Earlene Russell  
Engineering Technician

cc: Summit Operating, LLC.  
Utah Royalty Owners Association



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 11, 2014

Certified Mail No. 7003 2260 0003 2358 7288

Mr. Ellis Peterson  
Summit Operating, LLC  
1245 Brickyard Rd STE 210  
Salt Lake City, UT 84106

43 047 31774  
Alta 5-1-B  
5 75 2B

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Ellis Peterson:

As of April 2014, Summit Operating, LLC has two (2) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.

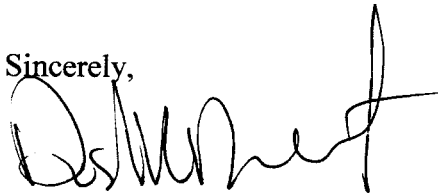
Page 2  
Summit Operating, LLC  
June 11, 2014

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/JP/js

cc: Compliance File  
Well File

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA



## ATTACHMENT A

→

	Well Name	API	LEASE	Years Inactive
1	ALTA 5-1-B	43-047-31776	FEE	1 year 8 months
2	ALTA 5-2-C	43-047-31843	FEE	1 year

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> SUMMIT OPERATING, LLC		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1245 Brickyard Road, Suite 210, Salt Lake City, UT, 84106		<b>8. WELL NAME and NUMBER:</b> ALTA 5-1-B
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0660 FNL 1980 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 05 Township: 07.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047317760000
<b>PHONE NUMBER:</b> 801-657-5780 Ext		<b>9. FIELD and POOL or WILDCAT:</b> HORSESHOE BEND
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>6/20/2014</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION         </div> </div>	
OTHER: <span style="border: 1px solid black; padding: 2px;">Production Records Updated</span>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Production records at UDOGM were updated for this well through April, 2014 after receiving notice of extended Shut-in. This well has been shut-in less than 12 months. An update of the status and plans for this well are addressed in the attached letter.		
<div style="text-align: right;"> <b>Accepted by the              Utah Division of              Oil, Gas and Mining</b>  <b>FOR RECORD ONLY</b>              July 22, 2014           </div>		
<b>NAME (PLEASE PRINT)</b> Ellis Peterson	<b>PHONE NUMBER</b> 801 657-5780	<b>TITLE</b> Sr Petroleum Engineer
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/23/2014	

## SUMMIT OPERATING, LLC

1245 Brickyard Road, Suite 210 • Salt Lake City, Utah 84106  
Phone: 801-657-5780 • Fax: 801-657-5781

June 20, 2014

Dustin K. Doucet  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114

Subject: Alta 5-1-B and Alta 5-2-C Wells, Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Doucet,

Per your letter dated June 11, 2014 requesting action on two wells, Alta 5-1-B and Alta 5-2-C, we hereby offer explanation of the ownership situation for these two wells and the anticipated timing for bringing these wells into full regulatory compliance. Your letter requesting action was issued because Utah Division of Oil, Gas and Mining (UDOGM) records indicated the two wells had not produced for more than twelve months. In response to your letter, Summit Operating, LLC (Summit) discovered that there has been production from the two wells during the past twelve months but as a result of transactional confusion, Summit was not receiving proper information to be able to report that production to UDOGM. That confusion has been remedied and production records for these two wells have now been updated through March, 2014.

Summit previously owned an interest in and operated these two wells. In September, 2004, Summit and Alberta Gas Company (Alberta) entered into a Trade and Quit Claim Agreement ("Trade Agreement") wherein Alberta acquired 100% of Summit's right, title, and interest in these two wells. As part of the Trade Agreement, Alberta agreed to assume Operatorship of these two wells and be responsible all of the regulatory obligations and responsibilities including obtaining appropriate bonding as required by UDOGM to replace Summit as the Operator. However, to date Alberta has failed to fulfill its obligation to obtain the required bonding and so Summit remains the Operator of record with UDOGM.

Until recently, Summit received production information from its affiliated marketing company which marketed production from these two wells on behalf of Alberta and was able to include this production reporting in its monthly report. However this affiliated company was recently sold and in the process this information exchange process for the production from these two wells was lost. This lost communication process has now been corrected and Summit can again properly report production from these two wells until Alberta qualifies as an Operator with UDOGM.

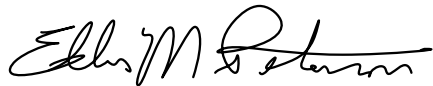
Summit is continuing its efforts to remedy this situation with Alberta. Alberta has recently advised Summit that the Alta ownership in these two wells is subject to a sales contract, and that contract requires the acquiring company to become the Operator and take responsibility for regulatory and

RECEIVED: Jun. 23, 2014

bonding the Alta wells. Alberta has assured Summit that closing of the sale of the properties including the Alta wells is to occur within the next sixty (60) days.

Summit is encouraged that this situation will soon be resolved by the prospect of another company buying the Alberta interest in these two wells because the purchasing company will need to become fully regulatory compliant to assure return from their investment. If the pending sale of the properties does not occur as promised, then Summit will consider other options to ensure Alberta replaces Summit as the recognized Operator of these two wells as required under the Agreement.

Sincerely,

A handwritten signature in black ink, appearing to read "Ellis M. Peterson". The signature is fluid and cursive, with the first name "Ellis" and last name "Peterson" clearly distinguishable.

Summit Operating, LLC  
Ellis Peterson  
Senior Petroleum Engineer



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

December 8, 2015

CERTIFIED MAIL NO. 7014 2870 0001 4232 4771

Mr. David Swett  
Alberta Gas Company  
933 E. 2000 N.  
Vernal, UT 84078

Subject: December 3, 2015 meeting concerning outstanding non-compliance requirements

Dear Mr. Swett:

This letter is in response to the meeting held in the Division of Oil, Gas and Mining's (Division) Salt Lake office on December 3, 2015, in reference to Alberta Gas Company (Alberta) outstanding compliance matters. Those present at the meeting were: John Rogers, Dan Jarvis, Josh Payne, Dustin Doucet, Dayne Doucet, Chris Jensen, and David Swett.

As discussed and agreed upon, the issues listed below require a written response within 30 days of the date of this Notice. For reference concerning individual wells - Please refer to the notices of violation (NOV's) dated June, 2014, which were re-issued via hand delivery at the meeting.

1. Wells discussed as having outstanding NOV's are:

5 75 21E

Federal 1-33	API#43-047-30300	owned by Alberta Gas
Federal 1-27	API#43-047-30181	owned by Alberta Gas
Alta 5-1-B	API#43-047-31776	owned by Summit Operating
Alta 5-2-C	API#43-047-31843	owned by Summit Operating
Federal 1-28E19E	API#43-047-30175	owned by EP Energy

2. All well sites that have oily waste, stained soils and pools of oil shall be removed and hauled off location to a Division approved site. Record of receipt for disposal shall be kept by Alberta and will be available for Division inspection at any time.

3. Items such as trash and junk removal, and overall housekeeping should be started on as soon as possible. Production equipment on all locations will be inspected and evaluated for structural integrity. All fluids stored on location shall have spill containment to prevent leakage onto soils.

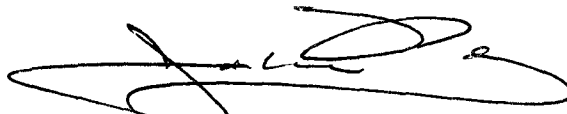


4. The Federal 1-28E19E well requires the gate to have a combination lock with said combination given to the Division immediately. Additionally, the scrap metal and piping which the landowner wants will need to be removed either by him or Alberta no later than the deadline as outlined in this letter.
5. All wells site issues will be addressed at the same time. Clean-up shall be completed as a whole and not one site at a time before moving on to the next.
6. Any new incident (i.e. spill, oil waste, etc.) from now going forward will require immediate attention and clean up. These will not be grandfathered into the deadline allowance as listed in this letter.
7. **The deadline for all work to be completed, and NOV requirements met is no later than March 31, 2016.**

Failure to meet this deadline will result in the Division filing for a formal hearing before the Board of Oil, Gas and Mining (Board) in accordance with Utah Administrative Code R641 seeking bonding and civil penalties. If the Board determines, after an adjudicative proceeding, that any person has violated any provision of this chapter, or any permit, rule or order made under the provision of this chapter, that person is subject, in a civil proceeding, to a penalty not exceeding \$5,000 per day for each day of violation (Utah Code 40-6-11.(4)(a)). If the Board determines that the violation is willful, that person may be fined not more than \$10,000 for each day of violation (Utah Code 40-6-11.(4)(b)).

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact Dan Jarvis, Operations Manager, at 801-538-5338, or John Rogers, Associate Director, at 801-538-5349, or me at (801) 538- 5314.

Sincerely,



Joshua Payne  
Compliance Manager

JJP/js

cc: John Rogers, Associate Director  
Dan Jarvis, Operations Manager  
Dustin Doucet, Petroleum Engineer  
Chris Jensen, Operations  
Well Files

**Compliance File**

N:\O&G Reviewed Docs\ChronFile\Compliance

7014 2870 0001 4232 4771

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**MR DAVID SWETT**  
**ALBERTA GAS COMPANY**  
Sent To  
Street & Apt. or PO Box **933 E 2000 N**  
City, State, **VERNAL UT 84078**

PS Form 3800, July 2014

See Reverse for Instructions

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**MR DAVID SWETT**  
**ALBERTA GAS COMPANY**  
**933 E 2000 N**  
**VERNAL UT 84078**

2. Article Number  
(Transfer from service label)

**RECEIVED**

**JAN - 4 2016**

**DIV. OF OIL, GAS & MINING**

PS Form 3811, July 2013

Domestic Return Receipt

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

**X**

☐ Agent

☒ Addressee

B. Received by (Printed Name)

**D. Swett**

C. Date of Delivery

**DEC 31 2015**

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail®

☐ Priority Mail Express™

☐ Registered

☐ Return Receipt for Merchandise

☐ Insured Mail

☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee)

☐ Yes



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

March 17, 2016

Mr. David Swett  
Alberta Gas Company  
933 E. 2000 N.  
Vernal, UT 84078

Subject: Satisfactory Closure for Notices of Violation (NOV) dated June, 2014 and meeting requirements set forth by the Division of Oil, Gas and Mining's (Division) during an informal meeting on December 3, 2015 and letter dated December 8, 2015

Dear Mr. Swett:

In working with Division Inspector Ammon McDonald, it has been determined that the terms required to satisfy non-compliance issues for the wells listed below have been met.

Wells concerning this closure are:

5 7S 21E

Federal 1-33	API#43-047-30300	owned by Alberta Gas
Federal 1-27	API#43-047-30181	owned by Alberta Gas
→ Alta 5-1-B	API#43-047-31776	owned by Summit Operating
Alta 5-2-C	API#43-047-31843	owned by Summit Operating
Federal 1-28E19E	API#43-047-30175	owned by EP Energy

The Division hereby acknowledges that the violations described in the aforementioned NOV's, Division meeting, and Division letter have been resolved and are no longer in an outstanding non-compliance status.

If you have any questions concerning this closure, please contact me at (801) 538- 5314.

Sincerely,

Joshua Payne  
Compliance Manager

JJP/js

cc: John Rogers, Associate Director  
Dan Jarvis, Operations Manager  
Dustin Doucet, Petroleum Engineer  
Ammon McDonald, Operations  
Chris Jensen, Operations  
Well Files

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